

CLERMONT COUNTY WATER RESOURCES DEPARTMENT

**(EXHIBIT "A")
5 YEAR WATERWORKS CAPITAL IMPROVEMENT PLAN
(2014-2018)**

**CLERMONT COUNTY COMMISSIONERS
CLERMONT COUNTY, OHIO**



**CLERMONT
COUNTY**

Waterworks Sources of Funds

| | | |
|--|----|------------------|
| Trust Funds (Balance 12/31/13) | | |
| Water Source Protection Fund | \$ | 59,573 [1] |
| Water Capital Improvement Fund | \$ | 5,974,986 |
| 2013 Revenue Bond Replacement & Improvement Fund | \$ | 2,074,137 |
| Water Construction funds on hand | \$ | 407,318 |
| Total On Hand | \$ | <u>8,516,014</u> |

| | | |
|--|----|-------------------|
| Additional Funds | | |
| From Operations for Capital Contribution includes Interest Income (Based on Rate Review analysis - Avg \$2.232M/Yr) | \$ | 11,159,000 |
| From Operations - System Capacity Charges: (Based on Rate Review analysis - Avg \$0.894M/Yr) | \$ | 4,470,000 |
| Assessment Bonds/Notes (Lindie/Grandview Projects) | \$ | 142,583 |
| Grants OPWC | \$ | 2,580,970 |
| New Loans OPWC | \$ | 1,118,065 |
| Water Reserve for Use in 2018 | \$ | 1,657,430 |
| Sewer contribution to Meter Replacement | \$ | 3,450,000 |
| Total Source of Funds | \$ | <u>33,094,062</u> |

| | |
|--|----------------|
| Replacement & Improvement Requirement not required when bonds paid off | |
| Capital Improvement Fund Contingency | \$ (5,000,000) |

| | |
|--|----------------------|
| Available Funding for 2014 - 2018 Construction Projects: | <u>\$ 28,094,062</u> |
|--|----------------------|

[1] The Water Source Protection fund is to be utilized only for projects designed to protect our raw water resources from degradation of quality.

Trust Funds not included above are not available for construction purposes (i.e. Bond Fund Interest, Bond Fund Principal, Reserve Funds)

| 2014 Waterworks Capital Improvement Project Summary | | | | | | | | | | | |
|---|--|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-----------------------|
| Project # | Description | Planned | Prior Yr. CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 - Beyond | Total | *Adj. 5 Year Total |
| 6401- | Aicholtz Connector Water Main Replacement | 1,018,380 | - | 18,380 | - | 1,000,000 | - | - | - | 1,018,380 | 1,018,380 |
| 6401- 60023 | BMW Expansion | 15,050,760 | 15,006,760 | 44,000 | - | - | - | - | - | 15,050,760 | 44,000 |
| 6401- | BMW Roof Replacement Phase I | 335,000 | - | 335,000 | - | - | - | - | - | 335,000 | 335,000 |
| 6401- | BMW Roof Replacement Phase II | 240,000 | - | - | - | - | - | - | 240,000 | 240,000 | - |
| 6401- | Booster Pump Stations 1 & 3 - Improvements | 120,000 | - | 20,000 | 100,000 | - | - | - | - | 120,000 | 120,000 |
| 6401- | Branch Hill Guinea @ SR 28 Water Main Replacement | 208,780 | - | 208,780 | - | - | - | - | - | 208,780 | 208,780 |
| 6401- | Buckwheat Transmission Main | 16,500,000 | - | - | - | - | - | - | 16,500,000 | 16,500,000 | - |
| 6401-60037 | Cherry Grove 1 MG Tank (1020) | 2,640,450 | 88,450 | - | - | - | - | - | 2,552,000 | 2,640,450 | - |
| 6401-60121 | Clough Pike Water Main Relocation | 182,510 | - | 182,510 | - | - | - | - | - | 182,510 | 182,510 |
| 6401- | Commercial Revenue Enhancement | 500,000 | - | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | - | 500,000 | 500,000 |
| 621-0996 | Day Heights Tank to SR 131 Loop | 217,100 | - | - | - | - | - | 28,000 | 189,100 | 217,100 | 28,000 |
| 6401- | GIS - Water | 100,000 | 25,000 | - | 25,000 | - | 25,000 | - | 25,000 | 100,000 | 50,000 |
| 621-0021 | Goshen Road Water Main Loop | 765,000 | - | - | - | - | - | 765,000 | - | 765,000 | 765,000 |
| 6401-60119 | Ivy Pointe Extension Water Main Loop | 75,000 | - | 75,000 | - | - | - | - | - | 75,000 | 75,000 |
| 6401- | Locust Corner/Lewis Road Watermain | 360,000 | - | - | - | - | 40,000 | 320,000 | - | 360,000 | 360,000 |
| 6401- | Meter Upgrades-System Wide | 6,900,000 | - | 400,000 | 2,000,000 | 2,000,000 | 2,500,000 | - | - | 6,900,000 | 6,900,000 |
| 6401- | Nine Mile-Bradbury Transmission Main | 352,000 | - | - | - | - | 72,000 | 280,000 | - | 352,000 | 352,000 |
| 6401- | Old SR 74 Extension Water Main | 715,000 | - | - | - | - | 65,000 | 650,000 | - | 715,000 | 715,000 |
| 6401- | Old SR 74 (GE-Withamsville to Easgate Blvd) Water Main | 330,000 | - | - | - | - | - | 330,000 | - | 330,000 | 330,000 |
| 6401- | PUB WTP Roof Replacement | 175,000 | - | 175,000 | - | - | - | - | - | 175,000 | 175,000 |
| 6401-60112 | PUB WTP Surge Protection Improvements | 1,190,388 | 11,919 | 433,469 | 745,000 | - | - | - | - | 1,190,388 | 1,178,469 |
| 6401-60089 | PUB Well Field Development | 334,880 | 34,880 | - | - | - | - | - | \$300,000 | 334,880 | - |
| 6401- | PUB Well Field Control Tower for Wells 17-20 | 215,000 | - | - | 15,000 | 200,000 | - | - | - | 215,000 | 215,000 |
| 6401- | Sharps Cutoff/Jackson Pike | 1,015,000 | - | - | - | - | 85,000 | 430,000 | 500,000 | 1,015,000 | 515,000 |
| 6401- | SR 132 North of Judd Road | 260,000 | - | - | - | 30,000 | 230,000 | - | - | 260,000 | 260,000 |
| 6401- | SR 132/SR 48/SR 28 Water Main Replacement | 1,570,000 | - | 60,000 | 510,000 | 1,000,000 | - | - | - | 1,570,000 | 1,570,000 |
| 6401-60104 | SR 132 Water Main Replacement | 1,201,115 | 105,075 | 1,096,040 | - | - | - | - | - | 1,201,115 | 1,096,040 |
| 6401- | SR 28 - Branch Hill Guinea to Smith Road - Water Main Re | 845,860 | 18,540 | 827,320 | - | - | - | - | - | 845,860 | 827,320 |
| 6401- | SR 28 @ Charles-Snyder Water Main Relocation | 161,390 | 141,390 | 20,000 | - | - | - | - | - | 161,390 | 20,000 |
| 6401- | SR 32 @ I-275 Water Main Relocation | 190,000 | - | 40,000 | 150,000 | - | - | - | - | 190,000 | 190,000 |
| 6401- | SR 48/Gibson Rd New 1 MG Tank | 2,050,000 | - | - | - | - | - | 90,000 | 1,960,000 | 2,050,000 | 90,000 |
| 6401-60102 | Tank Paintings - Amelia, Gaynor, & Booster 4 Tank Painting | 1,307,330 | 563,340 | 743,990 | - | - | - | - | - | 1,307,330 | 743,990 |
| 6401-60021 | Tealtown / Sugar Camp Transmission Main | 754,960 | 153,190 | - | - | 1,770 | 600,000 | - | - | 754,960 | 601,770 |
| 6401-60001 | Utility Relocations | 1,200,000 | - | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,200,000 | 1,000,000 |
| 6401-60105 | Wards Corner Road Water Main Replacement | 724,421 | 34,739 | 401,059 | 288,623 | - | - | - | - | 724,421 | 689,682 |
| 6401- | Water Main Replacement Program | 6,325,000 | - | - | 825,000 | 1,000,000 | 1,500,000 | 1,500,000 | 1,500,000 | 6,325,000 | 4,825,000 |
| 6401-60082 | Watershed/Wellhead Protection | 304,400 | 54,400 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | - | 304,400 | 250,000 |
| 6401- | Water System SCADA Replacement | 100,000 | - | - | 50,000 | 50,000 | - | - | - | 100,000 | 100,000 |
| 6401-60113 | Woodville Pike Water Main Replacement | 1,737,400 | - | 202,500 | 1,534,900 | - | - | - | - | 1,737,400 | 1,737,400 |
| | TOTAL | 68,272,125 | 16,237,684 | 5,633,048 | 6,593,523 | 5,631,770 | 5,467,000 | 4,743,000 | 23,966,100 | 68,272,125 | 28,068,341 |

2014 Waterworks Capital Improvement Project Summary

| Description | Funding Source | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total | *Adj. 5 Yr Total |
|---|--------------------------|------------|--------------|---------|---------|-----------|---------|---------|-------------|------------|------------------|
| Aicholtz Connector Water Main Replacement | - | 1,018,380 | - | 18,380 | - | 1,000,000 | - | - | - | 1,018,380 | 1,018,380 |
| | Capital Improvement Fund | - | - | 18,380 | - | 1,000,000 | - | - | - | 1,018,380 | 1,018,380 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| BMW Expansion | - | 15,050,760 | 15,006,760 | 44,000 | - | - | - | - | - | 15,050,760 | 44,000 |
| | Capital Improvement Fund | - | 15,006,760 | 44,000 | - | - | - | - | - | 15,050,760 | 44,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| BMW Roof Replacement Phase I | - | 335,000 | - | 335,000 | - | - | - | - | - | 335,000 | 335,000 |
| | Capital Improvement Fund | - | - | 335,000 | - | - | - | - | - | 335,000 | 335,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| BMW Roof Replacement Phase II | - | 240,000 | - | - | - | - | - | - | 240,000 | 240,000 | - |
| | Capital Improvement Fund | - | - | - | - | - | - | - | 240,000 | 240,000 | - |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| Booster Pump Stations 1 & 3 - Improvements | - | 120,000 | - | 20,000 | 100,000 | - | - | - | - | 120,000 | 120,000 |
| | Capital Improvement Fund | - | - | 20,000 | 100,000 | - | - | - | - | 120,000 | 120,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| Branch Hill Guinea @ SR 28 Water Main Replacement | - | 208,780 | - | 208,780 | - | - | - | - | - | 208,780 | 208,780 |
| | Capital Improvement Fund | - | - | 208,780 | - | - | - | - | - | 208,780 | 208,780 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| Buckwheat Transmission Main | - | 16,500,000 | - | - | - | - | - | - | 16,500,000 | 16,500,000 | - |
| | Capital Improvement Fund | - | - | - | - | - | - | - | 16,500,000 | 16,500,000 | - |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| Cherry Grove 1 MG Tank (1020) | - | 2,640,450 | 88,450 | - | - | - | - | - | 2,552,000 | 2,640,450 | - |
| | Capital Improvement Fund | - | 88,450 | - | - | - | - | - | 2,552,000 | 2,640,450 | - |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| Clough Pike Water Main Relocation | - | 182,510 | - | 182,510 | - | - | - | - | - | 182,510 | 182,510 |
| | Capital Improvement Fund | - | - | 182,510 | - | - | - | - | - | 182,510 | 182,510 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| Commercial Revenue Enhancement | - | 500,000 | - | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | - | 500,000 | 500,000 |
| | Capital Improvement Fund | - | - | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | - | 500,000 | 500,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |

2014 Waterworks Capital Improvement Project Summary

| Description | Funding Source | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total | Adj. 5 Yr Total |
|--|--------------------------|-----------|--------------|---------|-----------|-----------|-----------|---------|-------------|-----------|-----------------|
| Day Heights Tank to SR 131 Loop | - | 217,100 | - | - | - | - | - | 28,000 | 189,100 | 217,100 | 217,100 |
| | Capital Improvement Fund | - | - | - | - | - | - | 28,000 | 189,100 | 217,100 | 217,100 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| GIS - Water | - | 100,000 | 25,000 | - | 25,000 | - | 25,000 | - | 25,000 | 100,000 | 50,000 |
| | Capital Improvement Fund | - | 25,000 | - | 25,000 | - | 25,000 | - | 25,000 | 100,000 | 50,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| Goshen Road Water Main Loop | - | 765,000 | - | - | - | - | - | 765,000 | - | 765,000 | 765,000 |
| | Capital Improvement Fund | - | - | - | - | - | - | 765,000 | - | 765,000 | 765,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| Ivy Pointe Extension Water Main Loop | - | 75,000 | - | 75,000 | - | - | - | - | - | 75,000 | 75,000 |
| | Capital Improvement Fund | - | - | 75,000 | - | - | - | - | - | 75,000 | 75,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| Locust Corner/Lewis Road Watermain | - | 360,000 | - | - | - | - | 40,000 | 320,000 | - | 360,000 | 360,000 |
| | Capital Improvement Fund | - | - | - | - | - | 40,000 | 320,000 | - | 360,000 | 360,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| Meter Upgrades-System Wide | - | 6,900,000 | - | 400,000 | 2,000,000 | 2,000,000 | 2,500,000 | - | - | 6,900,000 | 6,900,000 |
| | Capital Improvement Fund | - | - | 400,000 | 2,000,000 | 2,000,000 | 2,500,000 | - | - | 6,900,000 | 6,900,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan-OPWC | - | - | - | - | - | - | - | - | - | - |
| | Grant-OPWC | - | - | - | - | - | - | - | - | - | - |
| Nine Mile-Bradbury Transmission Main | - | 352,000 | - | - | - | - | 72,000 | 280,000 | - | 352,000 | 352,000 |
| | Capital Improvement Fund | - | - | - | - | - | 72,000 | 280,000 | - | 352,000 | 352,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant - OPWC | - | - | - | - | - | - | - | - | - | - |
| Old SR 74 Extension Water Main | - | 715,000 | - | - | - | - | 65,000 | 650,000 | - | 715,000 | 715,000 |
| | Capital Improvement Fund | - | - | - | - | - | 65,000 | 650,000 | - | 715,000 | 715,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| Old SR 74 (GE Withamsville to Easgate Blvd) Water Main Replacement | - | 330,000 | - | - | - | - | - | 330,000 | - | 330,000 | 330,000 |
| | Capital Improvement Fund | - | - | - | - | - | - | 330,000 | - | 330,000 | 330,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| PUB WTP Roof Replacement | - | 175,000 | - | 175,000 | - | - | - | - | - | 175,000 | 175,000 |
| | Capital Improvement Fund | - | - | 175,000 | - | - | - | - | - | 175,000 | 175,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |

2014 Waterworks Capital Improvement Project Summary

| Description | Funding Source | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total | *Adj. 5 Yr Total |
|---|--------------------------|-----------|--------------|-----------|-----------|-----------|---------|---------|-------------|-----------|------------------|
| PUB WTP Surge Protection Improvements | - | 1,190,388 | 11,919 | 433,469 | 745,000 | - | - | - | - | 1,190,388 | 1,178,469 |
| | Capital Improvement Fund | - | 11,919 | 433,469 | 745,000 | - | - | - | - | 1,190,388 | 1,178,469 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| PUB Well Field Development | - | 334,880 | 34,880 | - | - | - | - | - | 300,000 | 334,880 | - |
| | Capital Improvement Fund | - | 34,880 | - | - | - | - | - | 300,000 | 334,880 | - |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| PUB Well Field Control Tower for Wells 17-20 | - | 215,000 | - | - | 15,000 | 200,000 | - | - | - | 215,000 | 215,000 |
| | Capital Improvement Fund | - | - | - | 15,000 | 200,000 | - | - | - | 215,000 | 215,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| Sharps Cutoff/Jackson Pike | - | 1,015,000 | - | - | - | - | 85,000 | 430,000 | 500,000 | 1,015,000 | 515,000 |
| | Capital Improvement Fund | - | - | - | - | - | 85,000 | 430,000 | 500,000 | 1,015,000 | 515,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| SR 132 North of Judd Road | - | 260,000 | - | - | - | 30,000 | 230,000 | - | - | 260,000 | 260,000 |
| | Capital Improvement Fund | - | - | - | - | 30,000 | 230,000 | - | - | 260,000 | 260,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| SR 132/SR 48/SR 28 Water Main Replacement | - | 1,570,000 | - | 60,000 | 510,000 | 1,000,000 | - | - | - | 1,570,000 | 1,570,000 |
| | Capital Improvement Fund | - | - | 60,000 | 510,000 | 246,625 | - | - | - | 816,625 | 816,625 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant - OPWC | 753,375 | - | - | - | 753,375 | - | - | - | 753,375 | 753,375 |
| SR 132 Water Main Replacement | - | 1,201,115 | 105,075 | 1,096,040 | - | - | - | - | - | 1,201,115 | 1,096,040 |
| | Capital Improvement Fund | - | 105,075 | 1,096,040 | (989,285) | - | - | - | - | 211,830 | 106,755 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan (OPWC) | 504,535 | - | - | 504,535 | - | - | - | - | 504,535 | 504,535 |
| | Grant (OPWC) | 484,750 | - | - | 484,750 | - | - | - | - | 484,750 | 484,750 |
| SR 28 - Branch Hill Guinea to Smith Road - Water Main Replacement | - | 845,860 | 18,540 | 827,320 | - | - | - | - | - | 845,860 | 827,320 |
| | Capital Improvement Fund | - | 18,540 | 827,320 | - | - | - | - | - | 845,860 | 827,320 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| SR 28 @ Charles-Snyder Water Main Relocation | - | 161,390 | 141,390 | 20,000 | - | - | - | - | - | 161,390 | 20,000 |
| | Capital Improvement Fund | - | 141,390 | 20,000 | - | - | - | - | - | 161,390 | 20,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |
| SR 32 @ I-275 Water Main Relocation | - | 190,000 | - | 40,000 | 150,000 | - | - | - | - | 190,000 | 190,000 |
| | Capital Improvement Fund | - | - | 40,000 | 150,000 | - | - | - | - | 190,000 | 190,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| | Grant | - | - | - | - | - | - | - | - | - | - |

2014 Waterworks Capital Improvement Project Summary

| Description | Funding Source | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total | *Adj. 5 Yr Total |
|--|--------------------------|------------|--------------|-----------|-----------|-----------|-----------|-----------|-------------|------------|------------------|
| SR 48/Gibson Rd New 1 MG Tank | | 2,050,000 | - | - | - | - | - | 90,000 | 1,960,000 | 2,050,000 | 90,000 |
| | Capital Improvement Fund | - | - | - | - | - | - | 90,000 | 1,960,000 | 2,050,000 | 90,000 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| Tank Paintings - Amolia, Gaynor, & Booster 4 Tank Paintings & Reha | | 1,307,330 | 563,340 | 743,990 | - | - | - | - | - | 1,307,330 | 743,990 |
| | Capital Improvement Fund | - | 563,340 | (459,010) | - | - | - | - | - | 104,330 | (459,010) |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | 613,530 | - | 613,530 | - | - | - | - | - | 613,530 | 613,530 |
| Tealtown / Sugar Camp Transmission Main | | 589,470 | - | 589,470 | - | - | - | - | - | 589,470 | 589,470 |
| | Grant (OPWC PreAp) | - | - | - | - | - | - | - | - | - | - |
| | Capital Improvement Fund | 754,960 | 153,190 | - | - | 1,770 | 600,000 | - | - | 754,960 | 601,770 |
| | Assessment | - | 153,190 | - | - | 1,770 | 600,000 | - | - | 754,960 | 601,770 |
| Utility Relocations | | - | - | - | - | - | - | - | - | - | - |
| | Capital Improvement Fund | 1,200,000 | - | - | - | - | - | - | - | - | - |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| Wards Corner Road Water Main Replacement | | - | - | - | - | - | - | - | - | - | - |
| | Capital Improvement Fund | 1,200,000 | - | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,200,000 | 1,000,000 |
| | Assessment | - | - | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,200,000 | 1,000,000 |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| Water Main Replacement Program | | - | - | - | - | - | - | - | - | - | - |
| | Capital Improvement Fund | 724,421 | 34,739 | 401,059 | 288,623 | - | - | - | - | 724,421 | 689,682 |
| | Assessment | - | 34,739 | 401,059 | 288,623 | - | - | - | - | 724,421 | 689,682 |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| Watershed/Wellhead Protection | | - | - | - | - | - | - | - | - | - | - |
| | Capital Improvement Fund | 6,325,000 | - | - | 825,000 | 1,000,000 | 1,500,000 | 1,500,000 | 1,500,000 | 6,325,000 | 4,825,000 |
| | Assessment | - | - | - | 825,000 | 1,000,000 | 1,500,000 | 1,500,000 | 1,500,000 | 6,325,000 | 4,825,000 |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| Water System SCADA Replacement | | - | - | - | - | - | - | - | - | - | - |
| | Capital Improvement Fund | 304,400 | 54,400 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | - | 304,400 | 250,000 |
| | Assessment | - | 54,400 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | - | 304,400 | 250,000 |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| Woodville Pike Water Main Replacement | | - | - | - | - | - | - | - | - | - | - |
| | Capital Improvement Fund | 100,000 | - | - | 50,000 | 50,000 | - | - | - | 100,000 | 100,000 |
| | Assessment | - | - | - | 50,000 | 50,000 | - | - | - | 100,000 | 100,000 |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| TOTAL | | - | - | - | - | - | - | - | - | - | - |
| | Capital Improvement Fund | 1,737,400 | - | 202,500 | 1,534,900 | - | - | - | - | 1,737,400 | 1,737,400 |
| | Assessment | - | - | 202,500 | 781,525 | - | - | - | - | 984,025 | 984,025 |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| *Adjusted 5 year plan = 2014-2018 Expenditure Plan | | - | - | - | - | - | - | - | - | - | - |
| | Capital Improvement Fund | 753,375 | - | - | 753,375 | - | - | - | - | 753,375 | 753,375 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| TOTAL | | - | - | - | - | - | - | - | - | - | - |
| | Expenditures | 68,272,125 | 16,237,684 | 5,633,048 | 6,593,523 | 5,631,770 | 5,467,000 | 4,743,000 | 23,966,100 | 68,272,125 | 28,068,341 |
| | Capital Improvement Fund | - | 16,237,684 | 4,430,048 | 4,850,863 | 4,878,395 | 5,467,000 | 4,413,000 | 23,966,100 | 64,243,090 | 24,039,306 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| TOTAL | | - | - | - | - | - | - | - | - | - | - |
| | Capital Improvement Fund | 1,118,065 | - | 613,530 | 504,535 | - | - | - | - | 1,118,065 | 1,118,065 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |
| TOTAL | | - | - | - | - | - | - | - | - | - | - |
| | Capital Improvement Fund | 2,580,970 | - | 589,470 | 1,238,125 | 753,375 | - | - | - | 2,580,970 | 2,580,970 |
| | Assessment | - | - | - | - | - | - | - | - | - | - |
| | Loan | - | - | - | - | - | - | - | - | - | - |

PROJECT SUMMARY

| | | | | | |
|------------------------------|--|-------|---------|-----------------|--|
| Project : | Aicholtz Connector Water Main Replacement | 6401- | Manager | Date of Update: | 7-July-14 |
| Description: | Construction of approximately 3,800' of new 12" & 16" water main to relocate the existing cast iron water mains to accommodate the Aicholtz Connector TID Roadway Improvement Project. | | | Justification: | Petition BOH Master Plan XL |
| Township: | | | | Union | Coordinates: |
| Annual Effect on Operations: | Resolutions: RAGP RADP RON RDTP | | | Construction: | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: | | | | N/A | |
| Special Conditions: | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|--------------|--------------|-----------|------|--------------|------|------|-------------|--------------|
| Preliminary Engineering | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | \$18,380 | | \$18,380 | | | | | | \$18,380 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | \$1,000,000 | | | | \$1,000,000 | | | | \$1,000,000 |
| General Contractor | | | | | | | | | | \$0 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$ 1,018,380 | \$ - | \$ 18,380 | \$ - | \$ 1,000,000 | \$ - | \$ - | \$ - | \$1,018,380 |
| Funding Source: | Capital Improvement Fund | | | \$ 18,380 | | \$ 1,000,000 | | | | \$ 1,018,380 |
| | Assessment | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:

Estimate cost of construction \$500,000. Project will be funded 80% by TID Federal Grant and 20% CIP.

PROJECT SUMMARY

| | | | | | |
|------------------------------|---|--------------|-----------------------------|-----------------|--|
| Project: | BMW Expansion | 6401-60023 | Project Manager: CR | Date of Update: | 7 Jan 14 |
| Description: | Expa of the BMW WTP from 10 MGD to 20 MGD including GAC treatment facilities, & 2nd Raw Water Line. | | | Justification: | Petition BOH Master Plan XL |
| Township: | | | | Batavia | Coordinates: |
| Annual Effect on Operations: | See Below | Resolutions: | RAGP RADP RON RDTP | Construction: | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: | N/A | | | | |
| Special Conditions: | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--|---------------|---------------|-----------|------|------|------|------|-------------|---------------|
| Preliminary Engineering | Burgess & Niple | \$ 366,040 | \$ 366,040 | | | | | | | \$ 366,040 |
| Detail Plans | | | | | | | | | | |
| Date Complete: | B&N w/ H&S \$1,590,000, H&S \$45,000 | \$ 1,655,218 | \$ 1,655,218 | | | | | | | \$ 1,655,218 |
| Land/Easements | | | | | | | | | | \$ - |
| Construction Engineering and Inspection | | \$ 540,000 | \$ 540,000 | | | | | | | \$ 540,000 |
| General Contractor | GM Pipeline / Layne/Lake Erie Electric | \$ 12,442,909 | \$ 12,398,909 | \$ 44,000 | | | | | | \$ 12,442,909 |
| Misc | | \$ 46,593 | \$ 46,593 | | | | | | | \$ 46,593 |
| Total | | \$ 15,050,760 | \$ 15,006,760 | \$ 44,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 15,050,760 |
| Funding Source: | Capital Improvement Fund | \$ 15,006,760 | \$ 44,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 15,050,760 |
| | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:
Provides treatment capacity for peak demand and future development

\$861,000 in 2010 is for construction of 5,180 LF of Raw Water Line

Current operating rate (5 MGD Avg) \$1 174/TG
 Future operating rate (5 MGD Avg) \$1 375/TG - \$365.585/yr increase
 Future operating rate (10 MGD Avg) \$1 127/TG
 Future operating rate (15 MGD Avg) \$1 031/TG

layne \$10,349,730.67
 lee \$1,613,000.00
 gm \$40,155.26
 total cont \$12,442,885.93
 remain \$44,000.00
 paid 12398885.93

PROJECT SUMMARY

| | | | | | |
|------------------------------|---|---------------------|------------------|-----------------|--|
| Project : | BMW Roof Replacement Phase I | 6401- | Project Manager: | Date of Update: | 7-Jun-14 |
| Description: | Replacement of the existing roof over the main, chlorine and high service pump buildings. | | | | Justification: Petition BOH Master Plan XL |
| Township: | Batavia | | | | Coordinates: Capacity Need Consent Order Other |
| Annual Effect on Operations: | \$0 O&M/year | Resolutions: | | Construction: | Bid Opening: |
| Easements Procured: | na | RADP RON RDTP | | | Contract Award: |
| Special Conditions: | | | | | Contract Execution: |
| | | | | | Notice to Proceed: |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|-------------------|--------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------------|
| Preliminary Engineering | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | \$0 |
| Detail Plans | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | \$0 |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | \$335,000 | | \$335,000 | | | | | | \$335,000 |
| General Contractor | | | | | | | | | | \$0 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$ 335,000 | \$ - | \$ 335,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 335,000 |
| Funding Source: | Capital Improvement Fund | \$ - | \$ - | \$ 335,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 335,000 |
| | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:

Problems:

PROJECT SUMMARY

| | | | | | | |
|------------------------------|--|----------|------------------|-----------------------------|-----------------|--|
| Project : | BMW Roof Replacement Phase II | 6401- | Project Manager: | | Date of Update: | 7-Jan-14 |
| Description: | Replacement of the existing roof over the Filter and garage buildings. | | | | Justification: | Petition |
| Township: | | | | | Batavia | BOH Master Plan XL |
| Annual Effect on Operations: | \$0 | O&M/year | Resolutions: | RAGP RADP RON RDTP | Construction: | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: | No | | | | | |
| Special Conditions: | | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total | | | |
|---|--------------------------|-----------|--------------|------|------|------|------|------|-------------|-----------|---------|----|---------|
| Preliminary Engineering | | | | | | | | | | \$0 | | | |
| Date Complete: | | | | | | | | | | | | | |
| Detail Plans | | | | | | | | | | \$0 | | | |
| Date Complete: | | | | | | | | | | | | | |
| Land/Easements | | | | | | | | | | \$0 | | | |
| Construction Engineering and Inspection | | \$240,000 | | | | | | | \$240,000 | \$240,000 | | | |
| General Contractor | | | | | | | | | | \$0 | | | |
| Misc | | | | | | | | | | \$0 | | | |
| Total | | \$240,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$240,000 | \$240,000 | | | |
| | Capital Improvement Fund | \$ | - | \$ | - | \$ | - | \$ | - | \$ | 240,000 | \$ | 240,000 |
| Funding Source: | Assessment | | | \$ | - | \$ | - | | | | | \$ | - |
| | Loan | | | \$ | - | \$ | - | | | | | \$ | - |
| | Grant | | | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |

Positive Aspects of Project:

Problems:

PROJECT SUMMARY

| | | |
|---|--|--|
| Project : Booster Pump Stations 1 & 3 - Improvements 6401- Project Manager: | | Date of Update: 13-Jun-14 |
| Description: Replacement of pumps, motors, and controls at the Booster 1 & 3 Pump Stations. | | Justification: Petition |
| | | <div style="display: flex; justify-content: space-around;"> <div> BOH <u>Master Plan</u> XL </div> <div> Capacity <u>Need</u> Consent Order Other </div> </div> |
| Township: Miami | | Coordinates: O&M |
| Annual Effect on Operations: | Resolutions: RAGP RADP RON RDTP | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: No | | |
| Special Conditions: | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|-----------|--------------|-----------|------------|------|------|------|-------------|------------|
| Preliminary Engineering | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | \$20,000 | | \$20,000 | | | | | | \$20,000 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | \$100,000 | | | \$100,000 | | | | | \$100,000 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$120,000 | \$0 | \$20,000 | \$100,000 | \$0 | \$0 | \$0 | \$0 | \$120,000 |
| Funding Sources: | Capital Improvement Fund | \$ - | \$ - | \$ 20,000 | \$ 100,000 | \$ - | \$ - | \$ - | \$ - | \$ 120,000 |
| | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:
 Replaces aging pumps and controls that have reached the end of their useful life.
 Booster 1 improvements were identified in the Water Quality Report by H&S. These improvements will also lessen the overall systems electric demand.
 Note: The Branch Hill Booster Station is the Booster 1 Pump Station

PROJECT SUMMARY

| | | | | | |
|--|--|---|--|---|--|
| Project : Branch Hill Guinea @ SR 28 Water Main Replacement 6401- | | Project Manager: TC | | Date of Update: 13-Jan-14 | |
| Description: Replace approximately 2,450 feet of existing 10" water main with 16" water main along Branch Hill Guinea Road from SR 28 to Glen Echo Lane, in coordination w/ TID road improvements. Original main installed in 1959. | | | | Justification: Petition BOH Master Plan XL | |
| Township: Miami | | | | Coordinates: <div style="float: right; border: 1px solid black; padding: 2px;"> Capacity Need Consent Order Other </div> | |
| Annual Effect on Operations: 0 | | Resolutions: RAGP RADP RON RDTP | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | |
| Easements Procured: N/A | | | | | |
| Special Conditions: Coordinated w/ TID Project | | | | | |

Expenditure Plan

| Task | Vondor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|---------------------------------|------------------|--------------|------------------|------------|------------|------------|------------|-------------|------------------|
| Preliminary Engineering | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | Kleingers | \$8,780 | | \$8,780 | | | | | | \$8,780 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | \$200,000 | | \$200,000 | | | | | | \$200,000 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$208,780 | \$0 | \$208,780 | \$0 | \$0 | \$0 | \$0 | \$0 | \$208,780 |
| Funding Source: | Capital Improvement Fund | \$ - | \$ - | \$ 208,780 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 208,780 |
| | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:
Replaces aging water main. Moves water main from new pavement.

PROJECT SUMMARY

| | | | | | |
|-------------------------------------|--|-------|------------------|------------------------|---|
| Project : | Buckwheat Transmission Main | 6401- | Project Manager: | Date of Update: | 13 Jan-14 |
| Description: | Construction of approximately 46,000 feet of 30" transmission main from the BMW WTP to the proposed 24" main on Stonelick Williams Corner Road at Mt. Zion | | | | Justification: <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Petition BOH Master Plan XL </div> <div style="text-align: center;"> Capacity Need Consent Order Other </div> </div> |
| Township: | Batavia, Stonelick, Miami | | | | Coordinates: |
| Annual Effect on Operations: | | | | Construction: | Bid Opening: |
| Easements Procured: | No | | | Resolutions: | Contract Award: |
| Special Conditions: | | | | | Contract Execution: |
| | | | | | Notice to Proceed: |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------|---------------------|--------------|------------|------------|------------|------------|------------|---------------------|---------------------|
| Preliminary Engineering | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | \$1,000,000 | | | | | | | \$1,000,000 | \$1,000,000 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | \$200,000 | | | | | | | \$200,000 | \$200,000 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | \$13,500,000 | | | | | | | \$13,500,000 | \$13,500,000 |
| Misc | | \$1,800,000 | | | | | | | \$1,800,000 | \$1,800,000 |
| Total | | \$16,500,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$16,500,000 | \$16,500,000 |
| Funding Source: | | | | | | | | | | |
| Capital Improvement Fund | | \$ | - | \$ | - | \$ | - | \$ | - | \$ |
| Assessment | | | \$ | - | \$ | - | \$ | - | \$ | - |
| Loan | | | \$ | - | \$ | - | \$ | - | \$ | - |
| Grant | | \$ | - | \$ | - | \$ | - | \$ | - | \$ |

Positive Aspects of Project:

Improves distribution from expanded BMW WTP to 1020 Pressure Zone and the Miami Twp area. Will also provide service for unserved areas.
 Improves the ability to fill the Buckwheat, Williams Corner Area, Gaynor and Goshen Elevated Water Storage Tanks.
 Required to take full advantage of the BMW WTP Expansion Project

PROJECT SUMMARY

| | | | | | | | | |
|-------------------------------------|---|---|-------------------------|----|------------------------|----------------------------|--------------------------------------|--|
| Project : | Cherry Grove 1 MG Tank (1020) | 6401-60037 | Project Manager: | JG | | Date of Update: | 15-Jun-14 | |
| Description: | Construction of a 1 MG elevated storage tank at elevation 1020 at the Home Depot site along SR 125/Independence Drive | | | | | Justification: | Petition BOH Master Plan XL | Capacity Need Consent Order Other |
| Township: | Union Township | | | | | Coordinates: | | |
| Annual Effect on Operations: | O&M/year | Resolutions: RAGP RADP RON RDTP | | | Construction: | Bid Opening: | | |
| Easements Procured: | Underway -Land Purchase | | | | Contract Award: | | | |
| Special Conditions: | | | | | | Contract Execution: | | |
| | | | | | | Notice to Proceed: | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|------------|---------------------------------|------------------|-------------|-------------|-------------|-------------|-------------|---------------------|---------------------|
| Preliminary Engineering | | | \$0 | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | GS&P | \$73,430 | \$73,430 | | | | | | \$0 | \$73,430 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | \$15,020 | \$15,020 | | | | | | \$0 | \$15,020 |
| Construction Engineering and Inspection | Inspection | \$10,000 | \$0 | | | | | | \$10,000 | \$10,000 |
| General Contractor | | \$2,457,000 | \$0 | | | | | | \$2,457,000 | \$2,457,000 |
| Misc | | \$85,000 | \$0 | | | | | | \$85,000 | \$85,000 |
| Total | | \$2,640,450 | \$88,450 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,552,000 | \$2,640,450 |
| Funding Source: | | Capital Improvement Fund | \$ 88,450 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 2,552,000 | \$ 2,640,450 |
| | Assessment | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:

Strengthen system and utilization of storage tank.
 Improve capacity utilization.

PROJECT SUMMARY

| | | | | |
|---|--|--|--|--|
| Project : Clough Pike Water Main Relocation 6401-60121 Project Manager: TC | | | Date of Update: 13-Jan-14 | |
| Description: Relocation of approximately 3,215' of existing 16" water main, which was installed in 2004. Relocation required due to TID road improvement project | | | Justification: Petition Capacity | |
| | | | <div style="display: flex; justify-content: space-between;"> BOH Master Plan XL Need Consent Order <u>Other</u> </div> | |
| Township: Union | | | Coordinates: | |
| Annual Effect on Operations: 0 | | | Resolutions: RAGP RADP RON RDTP | |
| Easements Procured: N/A | | | | |
| Special Conditions: Coordinated w/ TID Project | | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total | |
|---|------------|-----------|--------------|-----------|---------|------|------|------|-------------|-----------|---------|
| Preliminary Engineering | | | \$0 | | | | | | | \$0 | |
| Date Complete: | | | \$0 | | | | | | | \$0 | |
| Detail Plans | | | \$0 | | | | | | | \$0 | |
| Date Complete: | | | \$0 | | | | | | | \$0 | |
| Land/Easements | | | \$0 | | | | | | | \$0 | |
| Construction Engineering and Inspection | | | \$0 | | | | | | | \$0 | |
| General Contractor | | \$182,510 | | \$182,510 | | | | | | \$182,510 | |
| Misc | | \$0 | \$0 | | | | | | | \$0 | |
| Total | | \$182,510 | \$0 | \$182,510 | \$0 | \$0 | \$0 | \$0 | \$0 | \$182,510 | |
| Capital Improvement Fund | | | | | | | | | | | |
| Funding Source: | Assessment | \$ | - | \$ | 182,510 | \$ | - | \$ | - | \$ | 182,510 |
| | Loan | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| | Grant | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |

Positive Aspects of Project:

Project funded by 80/20 Federal Grant. CCWRD water main relocation costs included in grant. CCWRD will pay 20% of water main relocation costs, estimated at \$930,000

PROJECT SUMMARY

| | | | | | |
|------------------------------|--|-------|------------------|--|--|
| Project : | Commercial Revenue Enhancement | 6401- | Project Manager: | | Date of Update: 13-Jan-14 |
| Description: | New Water Improvements to increase commercial revenues | | | | Justification: Petition BOH Master Plan XL |
| Township: | | | | | |
| Annual Effect on Operations: | | | | | Coordinates: |
| Easements Procured: | | | | | |
| Special Conditions: | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|------------------|--------------|------------------|------------------|------------------|------------------|------------------|-------------|------------------|
| Preliminary Engineering | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | | | | | | | | | \$0 |
| Misc | | \$500,000 | | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | | \$500,000 |
| Total | | \$500,000 | \$0 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$0 | \$500,000 |
| <hr/> | | | | | | | | | | |
| Funding Source: | Capital Improvement Fund | \$ | - | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ - | \$ 500,000 |
| | Assessment | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:

Increased water revenues through commercial development, which promotes minimized adjustment of water rates for all customers

PROJECT SUMMARY

| | | | | | |
|------------------------------|---|---|---------------------|---|---|
| Project : | Day Heights Tank to SR 131 Loop | 621-0996 | Project Manager: CR | Date of Update: | 13-Jan-14 |
| Description: | 1700 feet of 12" water main from the Day Heights Tank south to SR 131 and then west along SR 131 to Windsong Lane | | | | Justification: Petition BOH <u>Master Plan</u> XL |
| Township: | Miami | Coordinates: | | | |
| Annual Effect on Operations: | | Resolutions: RAGP RADP RON RDTP | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | |
| Easements Procured: | No (1 required) | | | | |
| Special Conditions: | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total | | | |
|---|--------------------------|-----------|--------------|------|------|------|------|----------|-------------|-----------|---------|----|---------|
| Preliminary Engineering | | | | | | | | | | \$0 | | | |
| Date Complete: | | | | | | | | | | | | | |
| Detail Plans | | \$18,000 | | | | | | \$18,000 | | \$18,000 | | | |
| Date Complete: | | | | | | | | | | | | | |
| Land/Easements | | \$10,000 | | | | | | \$10,000 | | \$10,000 | | | |
| Construction Engineering and Inspection | | | | | | | | | | \$0 | | | |
| General Contractor | | \$154,000 | | | | | | | \$154,000 | \$154,000 | | | |
| Misc | | \$35,100 | | | | | | | \$35,100 | \$35,100 | | | |
| Total | | \$217,100 | \$0 | \$0 | \$0 | \$0 | \$0 | \$28,000 | \$189,100 | \$217,100 | | | |
| Funding Source: | Capital Improvement Fund | \$ | - | \$ | - | \$ | - | \$ | 28,000 | \$ | 189,100 | \$ | 217,100 |
| | Assessment | | | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| | Loan | | | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |
| | Grant | | | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - |

Positive Aspects of Project:

Problems: Cannot acquire easement from current property owner. Project on hold until easement is available.

PROJECT SUMMARY

| | | | | | | |
|------------------------------|-------------------------------------|-------|--|-----------------|--|---|
| Project : | GIS - Water | 6401- | Project Manager: | Date of Update: | 13-Jan-14 | |
| Description: | Contribution for Aerial Photography | | | Justification: | Petition BOH Master Plan XL | Capacity Need Consent Order <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Other</div> |
| Township: | | | | Countywide | Coordinates: | GIS |
| Annual Effect on Operations: | | | Resolutions: RAGP RADP RON RDTP | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | |
| Easements Procured: | n/a | N/A | | | | |
| Special Conditions: | | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------|--------------------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|------------------|
| Preliminary Engineering | | | \$0 | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | | \$0 | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | | \$0 | | | | | | | \$0 |
| Construction Engineering and Inspection | | | \$0 | | | | | | | \$0 |
| General Contractor | | | \$0 | | | | | | | \$0 |
| Misc | | \$100,000 | \$25,000 | | \$25,000 | | \$25,000 | | \$25,000 | \$100,000 |
| Total | | \$100,000 | \$25,000 | \$0 | \$25,000 | \$0 | \$25,000 | \$0 | \$25,000 | \$100,000 |
| Funding Source: | | Capital Improvement Fund | \$ 25,000 | \$ - | \$ 25,000 | \$ - | \$ 25,000 | \$ - | \$ 25,000 | \$ 100,000 |
| | | Assessment | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Loan | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Grant | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:
provides aerial photography for GIS overlay

PROJECT SUMMARY

| | | | | | | | |
|-------------------------------------|---|-----------------------------|------------------|--|------------------------|--|---|
| Project : | Goshen Road Water Main Loop (aka Goshen Road Assessment) | 621-0021 | Project Manager: | | Date of Update: | 13-Jan-14 | |
| Description: | Approximately 13,600 feet of 8" water main along Goshen Road from Woodville Pike to Sutton Lane | | | | | Justification: | Petition BOH Master Plan XL Capacity Need Consent Order Other |
| Township: | Stonelick, Wayne, & Goshen | | | | | Coordinates: | |
| Annual Effect on Operations: | \$ 250 O&M/year | Resolutions: | | | Construction: | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | |
| Easements Procured: | No | RAGP RADP RON RDTP | | | | | |
| Special Conditions: | | | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|------------------|--------------|------------|------------|------------|------------|------------------|-------------|------------------|
| Preliminary Engineering | | | \$0 | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | \$65,000 | \$0 | | | | | \$65,000 | | \$65,000 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | \$20,000 | \$0 | | | | | \$20,000 | | \$20,000 |
| Construction Engineering and Inspection | | | \$0 | | | | | | | \$0 |
| General Contractor | | \$680,000 | \$0 | | | | | \$680,000 | | \$680,000 |
| Misc | | | \$0 | | | | | | | \$0 |
| Total | | \$765,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$765,000 | \$0 | \$765,000 |
| Funding Source: | Capital Improvement Fund | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| | Assessment | | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| | Loan | | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| | Grant | | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |

Positive Aspects of Project:
 Creates a hydraulic loop and improves distribution to the North

PROJECT SUMMARY

| | | | | | | | | |
|------------------------------|---|------------|----------|----|--|----------------|--------------------------------------|--|
| Project: | Ivy Pointe Extension Water Main Loop | 6401-60119 | Manager: | CR | Date of Update: | 12-Apr-13 | | |
| Description: | Installation of approximately 1700 feet of 8" water main from the Ivy Pointe Blvd /Ferguson Dr. intersection to Aicholtz Rd. along the proposed Ivy Pointe Blvd. extension. | | | | | Justification: | Petition BOH Master Plan XL | Capacity <Need> Consent Order Other |
| Township: | | | | | | Coordinates: | | |
| Annual Effect on Operations: | Resolutions: RAGP RADP RON RDTP | | | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | | | |
| Easements Procured: | | | | | | | | |
| Special Conditions: | | | | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|--|--------------------------|-----------------|--------------|-----------------|------------|------------|------------|------------|-------------|-----------------|
| Preliminary Engineering Date Complete: | | | | | | | | | | \$0 |
| Detail Plans Date Complete: | | | | | | | | | | \$0 |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | \$75,000 | | \$75,000 | | | | | | \$75,000 |
| General Contractor | | | | | | | | | | \$0 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$75,000 | \$0 | \$75,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$75,000 |
| Funding Source: | Capital Improvement Fund | \$ | \$ | 75,000 | \$ | \$ | \$ | \$ | \$ | \$ 75,000 |
| | Assessment | | \$ | | \$ | \$ | \$ | \$ | \$ | \$ |
| | Loan | | \$ | | \$ | \$ | \$ | \$ | \$ | \$ |
| | Grant | | \$ | | \$ | \$ | \$ | \$ | \$ | \$ |

Positive Aspects of Project:

Design is being coordinated with TID road, sanitary, and storm sewer improvements

Cost of the construction of the water main loop will be shared by the County and the developer 50%-50%. Estimated construction cost is \$140,500.

The proposed water main will complete a loop between the 10" water main in Ivy Pointe Blvd. and the 16" water main in Aicholtz Rd. providing improved hydraulic reliability in the distribution system.

Problems:

PROJECT SUMMARY

| | | | | |
|--|--|--|--|--|
| Project : Locust Corner/Lewis Road Watermain 6401- Manager: | | | Date of Update: 13-Jan-14 | |
| Description: 4,800' of 12" watermain from Locust Corner Road to Lewis Road for increased distribution needs | | | Justification: Petition Capacity BOH <u>Need</u> Master Plan XL Consent Order Other | |
| Township: Pierce | | | Coordinates: | |
| Annual Effect on Operations: | | | Construction: | |
| Easements Procured: Unknown | | | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | |
| Special Conditions: | | | | |
| Resolutions: RAGP RADP RON RDTP | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|--|--------|--------------------------|--------------|------------|------------|------------|-----------------|------------------|-------------|------------------|
| Preliminary Engineering Date Complete: | | | \$0 | | | | | | | \$0 |
| Detail Plans Date Complete: | | \$40,000 | \$0 | | | | \$40,000 | | | \$40,000 |
| Land/Easements | | | \$0 | | | | | | | \$0 |
| Construction Engineering and Inspection | | \$10,000 | \$0 | | | | | \$10,000 | | \$10,000 |
| General Contractor | | \$300,000 | \$0 | | | | | \$300,000 | | \$300,000 |
| Misc | | \$10,000 | \$0 | | | | | \$10,000 | | \$10,000 |
| Total | | \$360,000 | \$0 | \$0 | \$0 | \$0 | \$40,000 | \$320,000 | \$0 | \$360,000 |
| Funding Source: | | Capital Improvement Fund | \$ - | \$ - | \$ - | \$ - | \$ 40,000 | \$ 320,000 | \$ - | \$ 360,000 |
| | | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Loan | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Grant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:

System Loop

PROJECT SUMMARY

| | | | | | | | | |
|------------------------------|---|-----------------------------|------------------|--|--|----------------|--------------------------------------|--|
| Project : | Meter Upgrades-System Wide | 6401- | Project Manager: | | Date of Update: | 13 Jan 14 | | |
| Description: | Replacement of aged existing water meters with new meters that include AMI remote read technology | | | | | Justification: | Petition BOH Master Plan XL | Capacity Need Consent Order Other |
| Township: | | | | | | Coordinates: | | |
| Annual Effect on Operations: | \$0.00 | Resolutions: | | | Construction: | | | |
| Easements Procured: | N/A | RAGP RADP RON RDTP | | | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | | | |
| Special Conditions: | | | | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|--|--------------------------|--------------------|--------------|------------------|--------------------|--------------------|--------------------|------------|-------------|--------------------|
| Preliminary Engineering Date Complete: | | | | | | | | | | \$0 |
| Detail Plans Date Complete: | | \$50,000 | | \$50,000 | | | | | | \$50,000 |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | \$6,850,000 | | \$350,000 | \$2,000,000 | \$2,000,000 | \$2,500,000 | | | \$6,850,000 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$6,900,000 | \$0 | \$400,000 | \$2,000,000 | \$2,000,000 | \$2,500,000 | \$0 | \$0 | \$6,900,000 |
| Funding Source: | Capital Improvement Fund | \$ - | \$ - | \$ 400,000 | \$ 2,000,000 | \$ 2,000,000 | \$ 2,500,000 | \$ - | \$ - | \$ 6,900,000 |
| | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan-OPWC | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant-OPWC | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:

Over time, water meters lose their accuracy. Replacement of the aged meters will result in more accurate billing. Additional, the installation of a remote read system will result in lower reading costs, reduced field visits, and reduced customer calls. Project calls for approximately 20,000 meters to be replaced and 42,000 radio read meter registers to be installed.

Problems: Manpower

PROJECT SUMMARY

| | | | | | | | | |
|------------------------------|--|--------------|----------|--|-----------------------------|----------------|--|---|
| Project : | Nine Mile-Bradbury Transmission Main | 6401- | Manager: | | Date of Update: | 13-Jun-14 | | |
| Description: | 12" main along Bradbury and Nine Mile Road | | | | | Justification: | Petition BOH Master Plan XL | Capacity <u>Need</u> Consent Order Other |
| Township: | Pierce | | | | | | Coordinates: | |
| Annual Effect on Operations: | O&M/year | Resolutions: | | | RAGP RADP RON RDTP | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | |
| Easements Procured: | No | | | | | | | |
| Special Conditions: | | | | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|------------------|--------------|------------|------------|------------|-----------------|------------------|-------------|------------------|
| Preliminary Engineering | | | \$0 | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | \$22,000 | \$0 | | | | \$22,000 | | | \$22,000 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | \$50,000 | \$0 | | | | \$50,000 | | | \$50,000 |
| Construction Engineering and Inspection | | | \$0 | | | | | | | \$0 |
| General Contractor | | \$280,000 | \$0 | | | | | \$280,000 | | \$280,000 |
| Misc | | | \$0 | | | | | | | \$0 |
| Total | | \$352,000 | \$0 | \$0 | \$0 | \$0 | \$72,000 | \$280,000 | \$0 | \$352,000 |
| Funding Source: | | | | | | | | | | |
| | Capital Improvement Fund | \$ | - | \$ | - | \$ | - | \$ | - | \$ |
| | Assessment | | \$ | - | \$ | - | \$ | - | \$ | - |
| | Loan | | \$ | - | \$ | - | \$ | - | \$ | - |
| | Grant - OPWC | | \$ | - | \$ | - | \$ | - | \$ | - |

Positive Aspects of Project:
 Provides bulk sales and emergency back-up supply to New Richmond. Increases potential capacity utilization.
 Hydraulic Loop, Reinforce Cherry Grove.

PROJECT SUMMARY

| | | | | | |
|-------------------------------------|---|-----------------------------|------------------|----------------------------|--------------------------------------|
| Project : | Old SR 74 Extension Water Main | 6401- | Project Manager: | Date of Update: | 13-Jan-14 |
| Description: | Construction of approximately 5,300 feet of 16" water main along the route of the planned Old SR 74 Extension (from Old SR 74 to Olive Branch-Stonelick Road, along the current Heitman Lane). Also includes approximately 2,200 feet of 16" water main along Old 74 from Heitman Lane to Elick Lane. | | | Justification: | Petition BOH Master Plan XL |
| Township: | Union | | | Coordinates: | Strengthen System |
| Annual Effect on Operations: | O&M/year | Resolutions: | | Construction: | Bid Opening: |
| Easements Procured: | No | RAGP RADP RON RDTP | | Contract Award: | |
| Special Conditions: | Coordinates with TID project | | | Contract Execution: | |
| | | | | Notice to Proceed: | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|------------------|--------------|------------|------------|------------|-----------------|------------------|-------------|------------------|
| Preliminary Engineering | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | \$65,000 | | | | | \$65,000 | | | \$65,000 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | \$650,000 | | | | | | \$650,000 | | \$650,000 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$715,000 | \$0 | \$0 | \$0 | \$0 | \$65,000 | \$650,000 | \$0 | \$715,000 |
| Funding Source: | Capital Improvement Fund | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 65,000 | \$ 650,000 | \$ - | \$ 715,000 |
| | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:
 Replaces existing 6" and 8" water main installed in 1955 and 1954, respectively. Provides access to water for areas affected by the Old SR 74 Extension.
 Improves the ability to direct treated water from the BMW WTP to the Eastgate vicinity.

Problems:

PROJECT SUMMARY

| | | | | |
|-------------------------------------|--|---|---------------------------|--|
| Project : | Old SR 74 (GE-Williamsville to Easgate Blvd) Water 6401- | Project Manager: | Date of Update: | 13-July-14 |
| | Main Replacement | | Justification: | Petition BOH Master Plan XL |
| Description: | Replacement of approximately 4,000 feet of 8" water main (installed 1954) with 12" water main and appurtenances. | | | <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Capacity</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Need</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Consent Order</div> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Other</div> |
| Township: | Union | Coordinates: | | |
| Annual Effect on Operations: | None / Replacement | Resolutions: RAGP RADP RON RDTP | Construction: | Bid Opening: |
| Easements Procured: | No | | Contract Award: | Contract Execution: |
| Special Conditions: | Coordinate with TID project | | Notice to Proceed: | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|------------------|--------------|------------|------------|------------|------------|------------------|-------------|------------------|
| Preliminary Engineering | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | \$30,000 | | | | | | \$30,000 | | \$30,000 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | \$300,000 | | | | | | \$300,000 | | \$300,000 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$330,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$330,000 | \$0 | \$330,000 |
| | | | | | | | | | | |
| Funding Source: | Capital Improvement Fund | \$ | - | \$ | - | \$ | - | \$ | - | \$ |
| | Assessment | \$ | - | \$ | - | \$ | - | \$ | - | \$ |
| | Loan | \$ | - | \$ | - | \$ | - | \$ | - | \$ |
| | Grant | \$ | - | \$ | - | \$ | - | \$ | - | \$ |

Positive Aspects of Project:

Replaces an aged (installed 1954) 8" water main with a new 12" water main and improves distribution capacity. Also coordinates roadway improvement with utility improvement.

PROJECT SUMMARY

| | | | | | |
|-------------------------------------|--|---|------------------|------------------------|--|
| Project : | PUB WTP Roof Replacement | 6401- | Project Manager: | Date of Update: | 13-Jan-14 |
| Description: | Replacement of the existing roof over the filters in the main building and repairs to the roof over the chemical building. | | | | Justification: Petition BOH Master Plan XL Coordinates: |
| Township: | Pierce | | | | |
| Annual Effect on Operations: | none/replacement | Resolutions: RAGP RADP RON RDTP | | Construction: | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: | na | | | | |
| Special Conditions: | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|------------------|--------------|------------------|------------|------------|------------|------------|-------------|------------------|
| Preliminary Engineering Date Complete: | | | | | | | | | | \$0 |
| Detail Plans Date Complete: | | | | | | | | | | \$0 |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | \$175,000 | | \$175,000 | | | | | | \$175,000 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$175,000 | \$0 | \$175,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$175,000 |
| Funding Source: | Capital Improvement Fund | \$ | \$ | \$175,000 | \$ | \$ | \$ | \$ | \$ | \$175,000 |
| | Assessment | | \$ | | \$ | | \$ | | \$ | \$ |
| | Loan | | \$ | | \$ | | \$ | | \$ | \$ |
| | Grant | | \$ | | \$ | | \$ | | \$ | \$ |

Positive Aspects of Project:
 Protection of existing infrastructure.

PROJECT SUMMARY

| | | | | | | |
|-----------|---------------------------------------|------------|------------------|----|-----------------|-----------|
| Project : | PUB WTP Surge Protection Improvements | 6401-60112 | Project Manager: | KK | Date of Update: | 13-Jan-14 |
|-----------|---------------------------------------|------------|------------------|----|-----------------|-----------|

| | |
|--------------|--|
| Description: | |
| | |
| Township: | Installation of bladder surge tanks and appurtenances to eliminate water hammer during sudden power losses at PUB WTP. |

Township: _____ Coordinates: _____

| | |
|---------------------|-----|
| Easements Procured: | N/A |
|---------------------|-----|

Special Conditions:

| | |
|------------------|--|
| Expenditure Plan | |
|------------------|--|

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total | |
|--|--------------------------|-------------|--------------|-----------|-----------|------|---------|------|-------------|-------------|-----------|
| Preliminary Engineering Date Complete: | | | | | | | | | | \$0 | |
| Detail Plans Date Complete: | | \$111,620 | \$8,151 | \$103,469 | | | | | | \$111,620 | |
| Land/Easements | | | | | | | | | | \$0 | |
| Construction Engineering and Inspection | | | | | | | | | | \$0 | |
| General Contractor | | \$1,070,000 | | \$325,000 | \$745,000 | | | | | \$1,070,000 | |
| Misc | | \$8,768 | \$3,768 | \$5,000 | | | | | | \$8,768 | |
| Total | | \$1,190,388 | \$11,919 | \$433,469 | \$745,000 | \$0 | \$0 | \$0 | \$0 | \$1,190,388 | |
| Funding Source: | Capital Improvement Fund | \$ | 11,919 | \$ | 433,469 | \$ | 745,000 | \$ | - | \$ | 1,190,388 |
| | Assessment | | \$ | | \$ | | \$ | | \$ | | \$ |
| | Loan | | \$ | | \$ | | \$ | | \$ | | \$ |
| | Grant | | \$ | | \$ | | \$ | | \$ | | \$ |

| | |
|------------------------------|--|
| Positive Aspects of Project: | |
|------------------------------|--|

Installation of bladder surge tanks and appurtenances as recommended in the Feb. , 2011 Hazen & Sawyer PUB Surge Analysis Report. Surge protection will significantly reduce or eliminate water main breaks along SR 749 that occur as a result of water hammer when sudden power losses occur at the PUB WTP.

PROJECT SUMMARY

| | | | | | | | |
|------------------------------|---|--|------------------|----|-----------------|--|---|
| Project : | PUB Well Field Development | 6401-60089 | Project Manager: | KK | Date of Update: | 13-Jan-14 | |
| Description: | Well Field Development, Exploration and Land Acquisition - Study of expansion potential at PUB as well as other sites | | | | Justification: | Petition BOH Master Plan XL | Capacity Need Consent Order <input checked="" type="radio"/> Other |
| Township: | | | | | Pierce | Coordinates: | |
| Annual Effect on Operations: | Tests/Evaluations | Resolutions: RAGP RADP RON RDTP | | | Construction: | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | |
| Easements Procured: | No Unknown | | | | | | |
| Special Conditions: | | | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|-----------|--------------|------|------|------|------|------|-------------|------------|
| Preliminary Engineering | Thellen | \$12,155 | \$12,155 | | | | | | | \$12,155 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | HC NUTTING - H&M | \$22,725 | \$22,725 | | | | | | | \$22,725 |
| Date Complete: | 24075 | | | | | | | | | |
| Land/Easements | | \$300,000 | \$0 | | | | | | \$300,000 | \$300,000 |
| Construction Engineering and Inspection | | | \$0 | | | | | | | \$0 |
| General Contractor | | | \$0 | | | | | | | \$0 |
| Misc | | | \$0 | | | | | | | \$0 |
| Total | | \$334,880 | \$34,880 | \$0 | \$0 | \$0 | \$0 | \$0 | \$300,000 | \$334,880 |
| Funding Source: | Capital Improvement Fund | | \$ 34,880 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 300,000 | \$ 334,880 |
| | Assessment | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:
Better utilization of wellfield

Problems:
Land acquisition
Need to define clear development criteria with specific goals and objectives
In house operation

| |
|-----------------|
| PROJECT SUMMARY |
|-----------------|

| | | | | | | |
|------------------|--|-------|------------------|--|------------------------|-------------------|
| Project : | PUB Well Field Control Tower for Wells 17-20 | 6401- | Project Manager: | | Date of Update: | 7-Jan-14 |
| | | | | | Justification: | Petition Capacity |

| Description: | Recondition/Replacement of the existing aged control tower for PUB wells 17 - 20. | BOH Master Plan XL | <input checked="" type="radio"/> Need <input type="radio"/> Consent Order <input type="radio"/> Other |
|--------------|---|--------------------------|---|
| | | | |

Township: _____

| | | | | | |
|------------------------------|-----|--------------|-----------------------------|---------------|--|
| Annual Effect on Operations: | | Resolutions: | RAGP RADP RON RDTP | Construction: | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: | N/A | | | | |

| | | | |
|---------------------|-----|--------------------|--|
| Easements Procured: | N/A | RAB RON RDTP | Contract Award: Contract Execution: Notice to Proceed: |
|---------------------|-----|--------------------|--|

Special Conditions:

| Expenditure Plan | |
|------------------|--|
|------------------|--|

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total | |
|---|--------------------------|-----------|--------------|------|----------|-----------|---------|------|-------------|-----------|---------|
| Preliminary Engineering | | | | | | | | | | | |
| Date Complete: | | | | | | | | | | | |
| Detail Plans | | \$15,000 | | | \$15,000 | | | | | \$15,000 | |
| Date Complete: | | | | | | | | | | | |
| Land/Easements | | | | | | | | | | | |
| Construction Engineering and Inspection | | | | | | | | | | | |
| General Contractor | | \$200,000 | | | | \$200,000 | | | | \$200,000 | |
| Misc | | | | | | | | | | | |
| Total | | \$215,000 | \$0 | \$0 | \$15,000 | \$200,000 | \$0 | \$0 | \$0 | \$215,000 | |
| Funding Source: | Capital Improvement Fund | \$ | - | \$ | 15,000 | \$ | 200,000 | \$ | - | \$ | 215,000 |
| | Assessment | | \$ | - | \$ | - | \$ | - | \$ | - | \$ |
| | Loan | | | \$ | - | \$ | - | \$ | - | \$ | - |
| | Grant | | \$ | - | \$ | - | \$ | - | \$ | - | \$ |

| |
|--|
| <p>Positive Aspects of Project:</p> <p>Replacement of aged control tower.</p> |
|--|

PROJECT SUMMARY

| | | | | |
|-------------------------------------|--|---|------------------|--|
| Project : | Sharps Cutoff/Jackson Pike | 6401- | Project Manager: | Date of Update: 13-Jan-14 |
| Description: | Approximately 12,000' of 8" water main along Sharp's Cutoff Road between SR276 and Jackson Pike and approximately 4,000' of 8" water main along Jackson Pike between Sharp's Cutoff Road and Monterey-Maple Grove Road | | | Justification: Petition Capacity BOH Need Master Plan Consent Order XL <u>Other</u> |
| Township: | Williamsburg / Jackson | | | Coordinates: |
| Annual Effect on Operations: | | Resolutions: RAGP RADP RON RDTP | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: | No | | | |
| Special Conditions: | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|--|--------|--------------------------|--------------|------|------|------|-----------|------------|-------------|--------------|
| Preliminary Engineering Date Complete: | | | \$0 | | | | | | | \$0 |
| Detail Plans Date Complete: | | \$65,000 | \$0 | | | | \$65,000 | | | \$130,000 |
| Land/Easements | | \$20,000 | \$0 | | | | \$20,000 | | | \$20,000 |
| Construction Engineering and Inspection | | | \$0 | | | | | | | \$0 |
| General Contractor | | \$880,000 | \$0 | | | | | \$380,000 | \$500,000 | \$880,000 |
| Misc | | \$50,000 | \$0 | | | | | \$50,000 | | \$50,000 |
| Total | | \$1,015,000 | \$0 | \$0 | \$0 | \$0 | \$85,000 | \$430,000 | \$500,000 | \$1,015,000 |
| Funding Source: | | Capital Improvement Fund | \$ - | \$ - | \$ - | \$ - | \$ 85,000 | \$ 430,000 | \$ 500,000 | \$ 1,015,000 |
| | | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Loan | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Grant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:

Potential Cross-Connection with Brown County Rural Water Association

Pending agreement with Brown County Rural Water Association

PROJECT SUMMARY

| | | | | |
|-------------------------------------|--|-------|-----------------|---|
| Project : | SR 132 North of Judd Road | 6401- | Project Manager | Date of Update: 13 Jan 14 |
| Description: | Reinforcement of Tate-Monroe subsystem from Judd Road north to southern corporation line of Village of Batavia via the installation of 3000' of 12" watermain. | | | Justification: |
| Township: | | | | Batavia |
| Annual Effect on Operations: | Resolutions: RAGP RADP RON RDTP | | | Construction: |
| Easements Procured: | | | | Bid Opening: |
| Special Conditions: | | | | Contract Award: Contract Execution: Notice to Proceed: |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------|--------------------------|--------------|------------|------------|-----------------|------------------|------------|-------------|------------------|
| Preliminary Engineering | | | \$0 | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | \$20,000 | \$0 | | | \$20,000 | | | | \$20,000 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | \$15,000 | \$0 | | | \$10,000 | \$5,000 | | | \$15,000 |
| Construction Engineering and Inspection | | | \$0 | | | | | | | \$0 |
| General Contractor | | \$225,000 | \$0 | | | | \$225,000 | | | \$225,000 |
| Misc | | \$0 | \$0 | | | | | | | \$0 |
| Total | | \$260,000 | \$0 | \$0 | \$0 | \$30,000 | \$230,000 | \$0 | \$0 | \$260,000 |
| Funding Source: | | Capital Improvement Fund | \$ - | \$ - | \$ - | \$ 30,000 | \$ 230,000 | \$ - | \$ - | \$ 260,000 |
| | | Assessment | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Loan | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Grant | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:

System Hydraulic Loop

PROJECT SUMMARY

| | | | | | |
|---|--|---|--|---|--|
| Project : SR 132/SR 48/SR 28 Water Main Replacement 6401- | | Project Manager: | | Date of Update: 13-Jan-14 | |
| Description: Approx. 9,900' of 16" water main to connect the Deerfield Road Water Main to the Gaynor Road Water Main at SR 28. | | | | Justification: Petition BOH Master Plan XL Capacity <u>Negd</u> Consent Order Other | |
| Township: Goshen | | | | Coordinates: | |
| Annual Effect on Operations: \$ 2,500 O&M/year | | Resolutions: RAGP RADP RON RDTP | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | |
| Easements Procured: No | | | | | |
| Special Conditions: | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|--|--------|--------------------|--------------|-----------------|------------------|--------------------|------------|------------|-------------|--------------------|
| Preliminary Engineering Date Complete: | | | \$0 | | | | | | | \$0 |
| Detail Plans Date Complete: | | \$112,500 | \$0 | \$60,000 | \$52,500 | | | | | \$112,500 |
| Land/Easements | | \$50,000 | \$0 | | \$50,000 | | | | | \$50,000 |
| Construction Engineering and Inspection | | | \$0 | | | | | | | \$0 |
| General Contractor | | \$1,400,000 | \$0 | | \$400,000 | \$1,000,000 | | | | \$1,400,000 |
| Misc | | \$7,500 | \$0 | | \$7,500 | | | | | \$7,500 |
| Total | | \$1,570,000 | \$0 | \$60,000 | \$510,000 | \$1,000,000 | \$0 | \$0 | \$0 | \$1,570,000 |
| Funding Source: | | | | | | | | | | |
| Capital Improvement Fund | | \$ | \$ | \$ 60,000 | \$ 510,000 | \$ 246,625 | \$ - | \$ - | \$ - | \$ 816,625 |
| Assessment | | | \$ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Loan | | | \$ | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Grant - OPWC | | \$753,375 | \$ | \$ - | \$ - | \$ 753,375 | \$ - | \$ - | \$ - | \$ 753,375 |

Positive Aspects of Project:
Strengthen system via hydraulic loop.

Problems: Easements, Manpower, Materials, Weather, etc

PROJECT SUMMARY

| | | | | | |
|---|--|---|----------------------------|---|--|
| Project : SR 132 Water Main Replacement | | 6401-60104 | Project Manager: KK | Date of Update: 13 Jan-14 | |
| Description: Approximately 6,000 feet of 16" water main along SR 132 between Stonelick Williams Corner Road and Baas Road replacing an existing 10" water main installed in 1959. Replace ~1,200' of existing 1959 8" water main south of 12" cross country (near Church Hill Farms), add hydrants and switch services north of 12" cross country to existing 1988 12" water main. Abandon 8" 1959 water | | | | Justification: Petition BOH Master Plan XL | Capacity: Need Consent Order Other |
| | | | | Township: Stonelick | |
| Annual Effect on Operations: \$ 1,200 O&M/year | | Resolutions: RAGP RADP RON RDTP | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | |
| Easements Procured: No N/A | | | | | |
| Special Conditions: | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------|---------------------------------|------------------|--------------------|--------------|------------|------------|------------|-------------|--------------------|
| Preliminary Engineering | | | | | | | | | | \$0 |
| Detail Plans | Strand | \$75,000 | \$75,000 | | | | | | | \$75,000 |
| Land/Easements | | \$25,968 | \$25,968 | | | | | | | \$25,968 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | \$1,096,040 | | \$1,096,040 | | | | | | \$1,096,040 |
| Misc | | \$4,107 | \$4,107 | | | | | | | \$4,107 |
| Total | | \$1,201,115 | \$105,075 | \$1,096,040 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,201,115 |
| Funding Source: | | Capital Improvement Fund | \$ 105,075 | \$ 1,096,040 | \$ (989,285) | \$ - | \$ - | \$ - | \$ - | \$ 211,830 |
| | | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Loan (OPWC) | \$ 504,535 | \$ - | \$ 504,535 | \$ - | \$ - | \$ - | \$ - | \$ 504,535 |
| | | Grant (OPWC) | \$ 484,750 | \$ - | \$ 484,750 | \$ - | \$ - | \$ - | \$ - | \$ 484,750 |

Positive Aspects of Project:
 Replaces an existing 10" & 8" water main which has reached its useful life and increases capacity for water distribution to the Northern reaches of the County.

PROJECT SUMMARY

| | | |
|---|---|--|
| Project : SR 28 - Branch Hill Guinea to Smith Road - Water Main Replacement 6401- Project Manager: RS | | Date of Update: 13-Jan-14 |
| Description: Replacement of approximately 6,000 feet of existing 8" cast iron water main, installed in 1959, with new ductile iron water main. | | Justification: Petition BOH Master Plan XL <div style="text-align: right;"> Capacity Need Consent Order <u>Other</u> </div> |
| Township: Miami | | Coordinates: |
| Annual Effect on Operations: 0 | Resolutions: RAGP RADP RON RDTP | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: N/A | | |
| Special Conditions: Coordinated w/ ODOT | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|-----------------|--------------------------|--------------|------------|------|------|------|------|-------------|------------|
| Preliminary Engineering | | | \$0 | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | SHA Engineering | \$18,540 | \$18,540 | | | | | | | \$18,540 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | \$827,320 | | \$827,320 | | | | | | \$827,320 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$845,860 | \$18,540 | \$827,320 | \$0 | \$0 | \$0 | \$0 | \$0 | \$845,860 |
| Funding Source: | | Capital Improvement Fund | \$ 18,540 | \$ 827,320 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 845,860 |
| | | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Loan | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Grant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:
In coordination with ODOT road widening/improvement project, scheduled for 2013/2014 construction. Replaces aged/deteriorated water main.

PROJECT SUMMARY

| | | | | | | | | |
|-------------------------------------|--|---|-------------------------|----|------------------------|--|--------------------------------------|---|
| Project : | SR 28 @ Charles-Snider Water Main Relocation | 6401- | Project Manager: | TC | Date of Update: | 12-Jan-14 | | |
| Description: | Water main replacement as necessary for ODOT roadway improvements. | | | | | Justification: | Petition BOH Master Plan XL | Capacity Need Consent Order <u>Other</u> |
| Township: | | | | | | Goshen | Coordinates: | |
| Annual Effect on Operations: | O&M/year | Resolutions: RAGP RADP RON RDTP | | | Construction: | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | | |
| Easements Procured: | No | | | | | | | |
| Special Conditions: | | | | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|------------------|------------------|-----------------|------------|------------|------------|------------|-------------|------------------|
| Preliminary Engineering | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | \$161,390 | \$141,390 | \$20,000 | | | | | | \$161,390 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$161,390 | \$141,390 | \$20,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$161,390 |
| Funding Source: | Capital Improvement Fund | \$ 141,390 | \$ 20,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 161,390 |
| | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:
 In coordination with ODOT road widening/improvement project, scheduled for late 2013 construction. Replaces aged/deteriorated water main.

Problems:

ODOT ID No. CLE 28-6 80

PROJECT SUMMARY

| | | | | |
|---|--|-------|---|--|
| Project : SR 32 @ I-275 Water Main Relocation | | 6401- | Project Manager: TC | Date of Update: 13-Jun-14 |
| Description: Water main replacement as necessary for ODOT roadway improvements. | | | Justification: Petition BOH Master Plan XL | Capacity Need Consent Order <u>Other</u> |
| Township: Union | | | Coordinates: | |
| Annual Effect on Operations: | Resolutions: RAGP RADP RON RDTP | | Construction: | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: | No | | | |
| Special Conditions: | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|------------------|--------------|-----------------|------------------|------------|------------|------------|-------------|------------------|
| Preliminary Engineering | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | In House | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | | | | | | | | | \$0 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | \$190,000 | | \$40,000 | \$150,000 | | | | | \$190,000 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$190,000 | \$0 | \$40,000 | \$150,000 | \$0 | \$0 | \$0 | \$0 | \$190,000 |
| Funding Source: | Capital Improvement Fund | \$ | \$ | \$40,000 | \$150,000 | \$ | \$ | \$ | \$ | \$190,000 |
| | Assessment | | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| | Loan | | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| | Grant | | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |

Positive Aspects of Project:

In coordination with ODOT road widening/improvement project, scheduled for 2013, 2014 & 2015 construction. Replaces aged/deteriorated water main. Three areas
 WM at old Perkins \$28,600
 WM at Omni Dr \$10,000
 WM on Old SR 74 near Summerside \$150,000

PROJECT SUMMARY

| | | | | | | | |
|-------------------------------------|---|-----------------------|---|--|------------------------|--|---|
| Project : | SR 48/Gibson Rd New 1 MG Tank | 6401- | Project Manager: | | Date of Update: | 12-Jan-14 | |
| Description: | Construction at elevation 990, a 1 MG Elevated Tank near State Route 48 and Gibson Road | | | | | Justification: Petition BOH Master Plan XL | <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">Capacity</div> Need Consent Order Other |
| Township: | Goshen | | | | | Coordinates: | |
| Annual Effect on Operations: | | | | | | Construction: | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: | No | (Purchase 1 property) | Resolutions: RAGP RADP RON RDTP | | | | |
| Special Conditions: | | | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total | | | | |
|---|--------|--------------------------|--------------|------|------|------|------|----------|-------------|-------------|----|-----------|----|-----------|
| Preliminary Engineering | | | | | | | | | | \$0 | | | | |
| Date Complete: | | | | | | | | | | | | | | |
| Detail Plans | | \$40,000 | | | | | | \$40,000 | | \$40,000 | | | | |
| Date Complete: | | | | | | | | | | | | | | |
| Land/Easements | | \$50,000 | | | | | | \$50,000 | | \$50,000 | | | | |
| Construction Engineering and Inspection | | \$10,000 | | | | | | | \$10,000 | \$10,000 | | | | |
| General Contractor | | \$1,900,000 | | | | | | | \$1,900,000 | \$1,900,000 | | | | |
| Misc | | \$50,000 | | | | | | | \$50,000 | \$50,000 | | | | |
| Total | | \$2,050,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$90,000 | \$1,960,000 | \$2,050,000 | | | | |
| Funding Source: | | Capital Improvement Fund | \$ | - | \$ | - | \$ | - | \$ | 90,000 | \$ | 1,960,000 | \$ | 2,050,000 |
| | | Assessment | | \$ | - | \$ | - | \$ | - | | | \$ | - | |
| | | Loan | | \$ | - | \$ | - | \$ | - | | | \$ | - | |
| | | Grant | | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | |

Positive Aspects of Project:
 Additional storage and redundancy in the 990 zone

PROJECT SUMMARY

| | | |
|--|--|--|
| Project : Tank Paintings - Amelia, Gaynor, & Booster 4 Tank Paintings & Rehabilitation 6401-60102 Project Manager: KK | | Date of Update: 13-Jan-14 |
| Description: Repainting of the Amelia Elevated Water Storage Tank (500,000 gallons) and the Gaynor Elevated Water Storage Tank (1,000,000 gallons) and the Booster #4 Ground Storage Tank (1,000,000 gallons). | | Justification: Petition Capacity BOH <u>Need</u> Master Plan Consent Order XL Other |
| Annual Effect on Operations: Easements Procured: Special Conditions: | | Coordinates: Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Resolutions: RAGP RADP RON RDTP | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------|---------------------------------|------------------|------------------|------------|------------|------------|------------|-------------|--------------------|
| Preliminary Engineering | | | \$0 | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | \$12,330 | \$12,330 | | | | | | | \$12,330 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | | \$0 | | | | | | | \$0 |
| Construction Engineering and Inspection | | \$0 | \$0 | \$0 | | | | | | \$0 |
| General Contractor | | \$1,240,000 | \$549,290 | \$690,710 | | | | | | \$1,240,000 |
| Misc w/ labor | | \$55,000 | \$1,720 | \$53,280 | | | | | | \$55,000 |
| Total | | \$1,307,330 | \$563,340 | \$743,990 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,307,330 |
| Funding Source: | | Capital Improvement Fund | \$ 563,340 | \$ (459,010) | \$ - | \$ - | \$ - | \$ - | \$ - | \$ (459,010) |
| | | Assessment | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Loan | \$613,530 | \$ 613,530 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 613,530 |
| | | Grant (OPWC PreAp) | \$589,470 | \$ 589,470 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 589,470 |

Positive Aspects of Project:
 Extends life of tanks.

PROJECT SUMMARY

| | | | |
|---|---|--|---|
| Project : Tealtown / Sugar Camp Transmission Main 6401-60021 Project Manager: JG | | Date of Update: 13-Jun-14 | |
| Description: Approximately 4,000 feet of 16" transmission main to connect the 16" main on Tealtown Road to the 16" main on Sugar Camp Road. | | Justification: Petition Capacity BOH < Need > Master Plan Consent Order XL Other | |
| Township: Union / Miami | | Coordinates: | |
| Annual Effect on Operations: O&M/year | Resolutions: RAGP RADP RON RDTP | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: Unknown | | | |
| Special Conditions: | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|----------------------------|---------------------------------|-------------------|-------------|-------------|-----------------|-------------------|-------------|-------------|-------------------|
| Preliminary Engineering | | | \$0 | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | Brandstetter Carroll, Inc. | \$46,360 | \$46,360 | | | | | | | \$46,360 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | \$88,730 | \$88,730 | | | | | | | \$88,730 |
| Construction Engineering and Inspection | | | \$0 | | | | | | | \$0 |
| General Contractor | | \$600,000 | \$0 | | | | \$600,000 | | | \$600,000 |
| Misc | | \$19,870 | \$18,100 | | | \$1,770 | | | | \$19,870 |
| Total | | \$754,960 | \$153,190 | \$0 | \$0 | \$1,770 | \$600,000 | \$0 | \$0 | \$754,960 |
| Funding Sources: | | Capital Improvement Fund | \$ 153,190 | \$ - | \$ - | \$ 1,770 | \$ 600,000 | \$ - | \$ - | \$ 754,960 |
| | | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Loan | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Grant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:
 Strengthen system by eliminating a hydraulic bottleneck.

PROJECT SUMMARY

| | | | | | | |
|-------------------------------------|--|------------|--|----|--|--|
| Project : | Utility Relocations | 6401-60001 | Project Manager | TC | Date of Update: | 13-Jan-14 |
| Description: | Utility Relocations, due to various road projects. | | | | Justification: | Petition BOH Master Plan XL |
| | | | | | Capacity <Need> Consent Order Other | |
| | Countywide | | | | Coordinates: | |
| Annual Effect on Operations: | N/A | | Resolutions: RAGP RADP RON RDTP | | Construction: | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: | N/A | N/A | | | | |
| Special Conditions: | | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------------|--------------------|--------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Preliminary Engineering | | | \$0 | | | | | | | \$0 |
| Date Complete: | | | \$0 | | | | | | | \$0 |
| Detail Plans | | | \$0 | | | | | | | \$0 |
| Date Complete: | | | \$0 | | | | | | | \$0 |
| Land/Easements | | | \$0 | | | | | | | \$0 |
| Construction Engineering and Inspection | | | \$0 | | | | | | | \$0 |
| General Contractor | | \$1,200,000 | \$0 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$1,200,000 |
| Misc | | | \$0 | | | | | | | \$0 |
| Total | | \$1,200,000 | \$0 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$200,000 | \$1,200,000 |
| Funding Source: | Capital Improvement Fund | \$ - | \$ - | \$ 200,000 | \$ 200,000 | \$ 200,000 | \$ 200,000 | \$ 200,000 | \$ 200,000 | \$ 1,200,000 |
| | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:

Moves water mains and hydrants away from proposed pavement
 Long term reduction of operational and maintenance costs Improved safety

PROJECT SUMMARY

| | | | | | | | |
|-------------------------------------|--|------------|---|----|---|---|---|
| Project : | Wards Corner Road Water Main Replacement | 6401-60105 | Project Manager: | JG | Date of Update: | 13-Jan-14 | |
| Description: | Replace approximately 3,225 feet of 6" water main installed in 1959 with new 8" ductile iron water main and appurtenances. | | | | | Justification: Petition BOH <u>Master Plan</u> XL | Capacity <u>Need</u> Consent Order Other |
| Township: | Miami | | | | | | |
| Annual Effect on Operations: | N/A | | Resolutions: RAGP RADP RON RDTP | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | | |
| Easements Procured: | N/A | | | | | | |
| Special Conditions: | N/A | | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total | |
|--|--------------------------|-----------|--------------|-----------|-----------|------|------|------|-------------|-----------|---------|
| Preliminary Engineering Date Complete: | | | | | | | | | | \$0 | |
| Detail Plans Date Complete: | MSP | \$28,370 | \$27,311 | \$1,059 | | | | | | \$28,370 | |
| Land/Easements | | \$6,051 | \$6,051 | | | | | | | \$6,051 | |
| Construction Engineering and Inspection | | | | | | | | | | \$0 | |
| General Contractor | | \$660,000 | | \$400,000 | \$260,000 | | | | | \$660,000 | |
| Misc | | \$30,000 | \$1,377 | | \$28,623 | | | | | \$30,000 | |
| Total | | \$724,421 | \$34,739 | \$401,059 | \$288,623 | \$0 | \$0 | \$0 | \$0 | \$724,421 | |
| Funding Source: | Capital Improvement Fund | \$ | 34,739 | \$ | 401,059 | \$ | - | \$ | - | \$ | 724,421 |
| | Assessment | | | \$ | - | \$ | - | \$ | - | \$ | - |
| | Loan | | | \$ | - | \$ | - | \$ | - | \$ | - |
| | Grant | | | \$ | - | \$ | - | \$ | - | \$ | - |

Positive Aspects of Project:

Replaces undersized water main that has reached its useful life. Improves flow and fire protection for existing homes and future development. Improves transfer of water from 930 to 990 pressure zones.

PROJECT SUMMARY

| | | | | | | | | |
|------------------------------|---|-----------------------------|------------------|--|--|----------------|--------------------------------------|---|
| Project : | Water Main Replacement Program | 6401- | Project Manager: | | Date of Update: | 13-Jan-14 | | |
| Description: | Replacement of existing water mains and appurtanances that have reached the end of their usefull life | | | | | Justification: | Petition BOH Master Plan XL | Capacity <u>Need</u> Consent Order Other |
| Township: | | | | | | | | |
| Annual Effect on Operations: | \$0/yr | Resolutions: | | | Construction: | | | |
| Easements Procured: | No | RAGP RADP RON RDTP | | | Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | | | |
| Special Conditions: | | | | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------|---------------------------------|--------------|------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Preliminary Engineering | | | | | | | | | | \$0 |
| Date Complete: | | | | | | | | | | |
| Detail Plans | | \$550,000 | | | \$75,000 | \$100,000 | \$125,000 | \$125,000 | \$125,000 | \$550,000 |
| Date Complete: | | | | | | | | | | |
| Land/Easements | | \$195,000 | | | \$30,000 | \$30,000 | \$45,000 | \$45,000 | \$45,000 | \$195,000 |
| Construction Engineering and Inspection | | | | | | | | | | \$0 |
| General Contractor | | \$5,580,000 | | | \$720,000 | \$870,000 | \$1,330,000 | \$1,330,000 | \$1,330,000 | \$5,580,000 |
| Misc | | | | | | | | | | \$0 |
| Total | | \$6,325,000 | \$0 | \$0 | \$825,000 | \$1,000,000 | \$1,500,000 | \$1,500,000 | \$1,500,000 | \$6,325,000 |
| Funding Source: | | Capital Improvement Fund | \$ - | \$ - | \$ 825,000 | \$ 1,000,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 1,500,000 | \$ 6,325,000 |
| | | Assessment | - | - | - | - | - | - | - | - |
| | | Loan | - | - | - | - | - | - | - | - |
| | | Grant | - | - | - | - | - | - | - | - |

Positive Aspects of Project:
 Improves the quality and reliability of the water distribution system
 Improves flow and fire protection for existing homes and future development

Problems: Easements, Manpower, Materials, Weather, etc.

PROJECT SUMMARY

| | | | | | |
|------------------------------|-------------------------------|---|------------------|---|--|
| Project : | Watershed/Wellhead Protection | 6401-60082 | Project Manager: | | Date of Update: 13 Jun 14 |
| Description: | Watershed/Wellhead Protection | | | | Justification: Petition BOH Master Plan XL |
| Countywide | | | | | |
| Annual Effect on Operations: | Monitoring/Other Costs? | Resolutions: RAGP RADP RON RDTP | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | |
| Easements Procured: | Unknown | | | | |
| Special Conditions: | | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|---|--------------------|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|------------------|
| Preliminary Engineering | LBG | \$54,400 | \$54,400 | | | | | | | \$54,400 |
| Detail Plans | Bennett & Williams | | \$0 | | | | | | | \$0 |
| Land/Easements | | | \$0 | | | | | | | \$0 |
| Construction Engineering and Inspection | | | \$0 | | | | | | | \$0 |
| General Contractor | | | \$0 | | | | | | | \$0 |
| Misc | | \$250,000 | \$0 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | | \$250,000 |
| Total | | \$304,400 | \$54,400 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$0 | \$304,400 |
| Funding Source: | | Capital Improvement Fund | \$ 54,400 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ 50,000 | \$ - | \$ 304,400 |
| | | Assessment | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Loan | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | Grant | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |

Positive Aspects of Project:
 Protects wellhead from contamination.
 Evaluate area of influence and susceptibility of the MGS wellfield. Finalize and implement the protection plan for MGS and PUB wellfields.

PROJECT SUMMARY

| | | | | | |
|-------------------------------------|---|-------|------------------|------------------------|---|
| Project : | Water System SCADA Replacement | 6401- | Project Manager: | Date of Update: | 7-Jan-14 |
| Description: | Replacement of the existing hardware and software of the water SCADA system | | | | Justification: Petition BOH Master Plan XL |
| Township: | | | | | Coordinates: Capacity <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; text-align: center; line-height: 20px; margin: 0 auto;">Need</div> Consent Order Other |
| Annual Effect on Operations: | | | | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: |
| Easements Procured: | na | | | | |
| Special Conditions: | Resolutions: RAGP RADP RON RDTP | | | | |

Expenditure Plan

| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total | | | | | | | | | | |
|--|--------|--------------------------|--------------|------|----------|----------|------|--------|-------------|-----------|----|---|----|---|----|---|----|---|----|---------|
| Preliminary Engineering Date Complete: | | | | | | | | | | \$0 | | | | | | | | | | |
| Detail Plans Date Complete: | | | | | | | | | | \$0 | | | | | | | | | | |
| Land/Easements | | | | | | | | | | \$0 | | | | | | | | | | |
| Construction Engineering and Inspection | | \$100,000 | | | \$50,000 | \$50,000 | | | | \$100,000 | | | | | | | | | | |
| General Contractor | | | | | | | | | | \$0 | | | | | | | | | | |
| Misc | | | | | | | | | | \$0 | | | | | | | | | | |
| Total | | \$100,000 | \$0 | \$0 | \$50,000 | \$50,000 | \$0 | \$0 | \$0 | \$100,000 | | | | | | | | | | |
| Funding Source: | | Capital Improvement Fund | \$ | - | \$ | 50,000 | \$ | 50,000 | \$ | - | \$ | - | \$ | - | \$ | - | \$ | - | \$ | 100,000 |
| | | Assessment | | | \$ | - | \$ | | | | | | \$ | | | | | | \$ | |
| | | Loan | | | \$ | - | \$ | | | | | | \$ | | | | | | \$ | |
| | | Grant | | | \$ | - | \$ | | | | | | \$ | | | | | | \$ | |

Positive Aspects of Project:
 Replacement of the existing SCADA system that has reached the end of it's useful life.

PROJECT SUMMARY

| | | | | | | |
|-------------------------------------|---|---|------------------|----|---|--|
| Project : | Woodville Pike Water Main Replacement | 6401-60113 | Project Manager: | JG | Date of Update: | 13-Jan-14 |
| Description: | Approx. 9,900' of 16" water main along Woodville Pike between Deerfield Road and SR 132 | | | | | Justification: Petition BOH Master Plan XL |
| Township: | Goshen | | | | | Coordinates: Capacity Need Consent Order Other |
| Annual Effect on Operations: | \$ 2,500 O&M/year | Resolutions: RAGP RADP RON RDTP | | | Construction: Bid Opening: Contract Award: Contract Execution: Notice to Proceed: | |
| Easements Procured: | No | | | | | |
| Special Conditions: | | | | | | |

Expenditure Plan

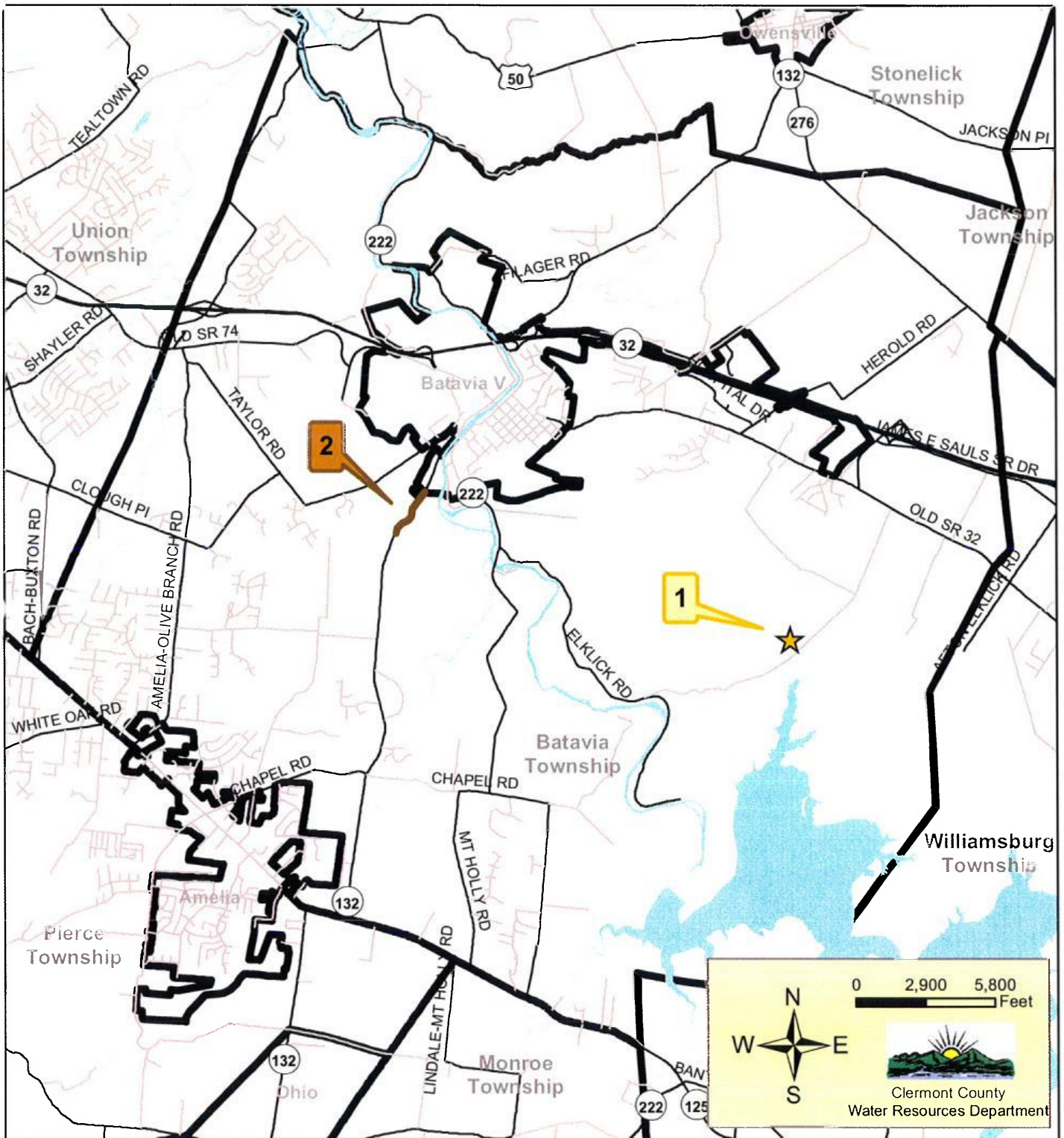
| Task | Vendor | Planned | Prior Yr CTD | 2014 | 2015 | 2016 | 2017 | 2018 | 2019-BEYOND | Total |
|--|--------------------------|--------------------|--------------|------------------|--------------------|------------|------------|------------|-------------|--------------------|
| Preliminary Engineering Date Complete: | | | | | | | | | | \$0 |
| Detail Plans Date Complete: | | \$112,500 | \$0 | \$112,500 | | | | | | \$112,500 |
| Land/Easements | | \$80,000 | | \$80,000 | | | | | | \$80,000 |
| Construction Engineering and Inspection | | \$10,000 | | \$10,000 | | | | | | \$10,000 |
| General Contractor | | \$1,521,400 | | | \$1,521,400 | | | | | \$1,521,400 |
| Misc | | \$13,500 | | | \$13,500 | | | | | \$13,500 |
| Total | | \$1,737,400 | \$0 | \$202,500 | \$1,534,900 | \$0 | \$0 | \$0 | \$0 | \$1,737,400 |
| Funding Source: | Capital Improvement Fund | \$ - | \$ - | \$ 202,500 | \$ 781,525 | \$ - | \$ - | \$ - | \$ - | \$ 984,025 |
| | Assessment | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Loan | | | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| | Grant | \$753,375 | \$ - | \$ - | \$ 753,375 | \$ - | \$ - | \$ - | \$ - | \$ 753,375 |

Positive Aspects of Project:

1. Increase capacity to the area, as well as, aid in future improvements along SR 132, SR 48 and SR 28 via construction of a hydraulic loop from the Deerfield Road water main to the Gaynor Road water main located off of SR 28

Problems: Easements, Manpower, Materials, Weather, etc.

5-Year Capital Improvement Plan Water System - Batavia Township

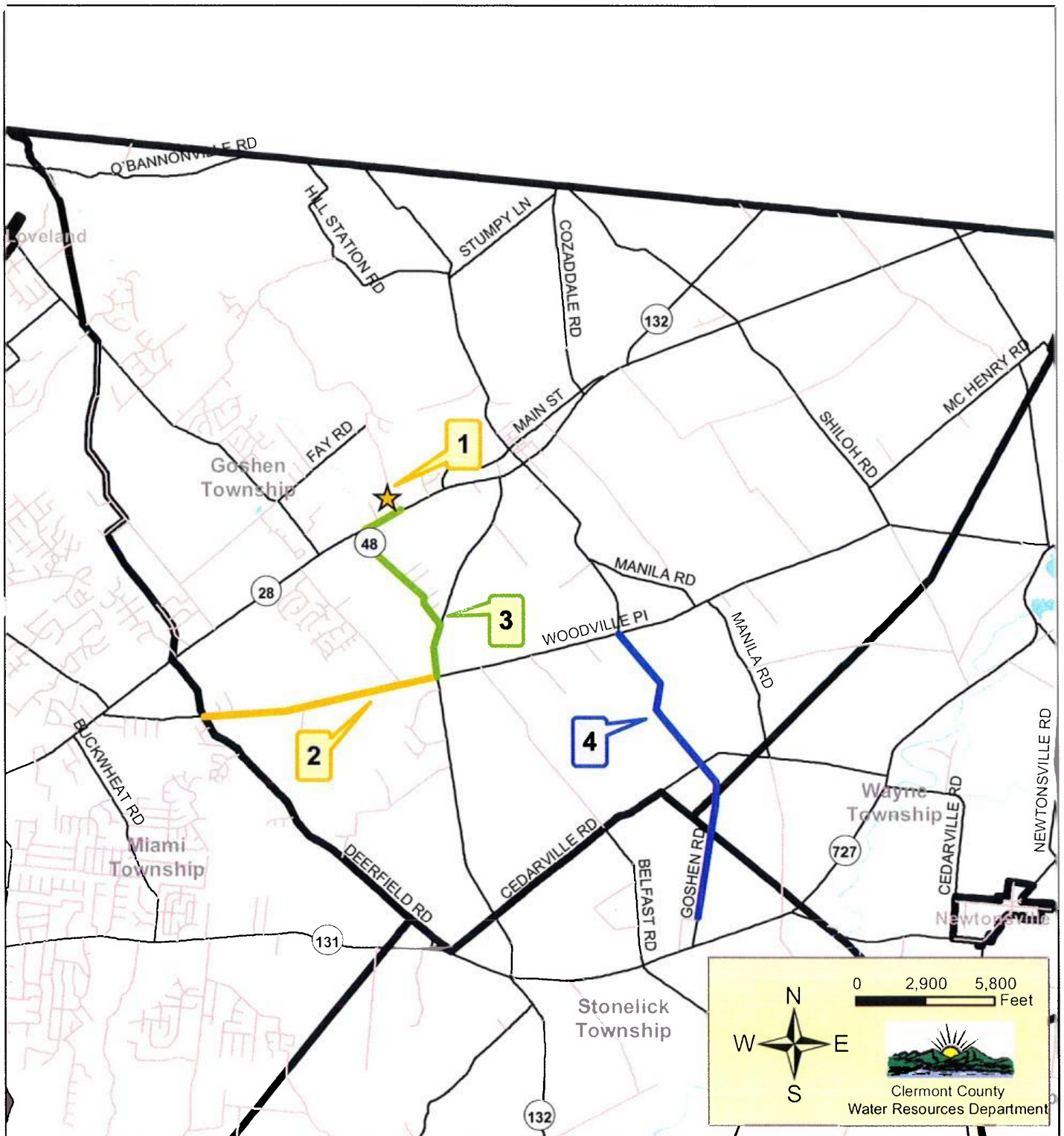


PROJECT ID NAME

- 1 BMW Roof Replacement Phase 1
- 2 SR 132 North of Judd Road

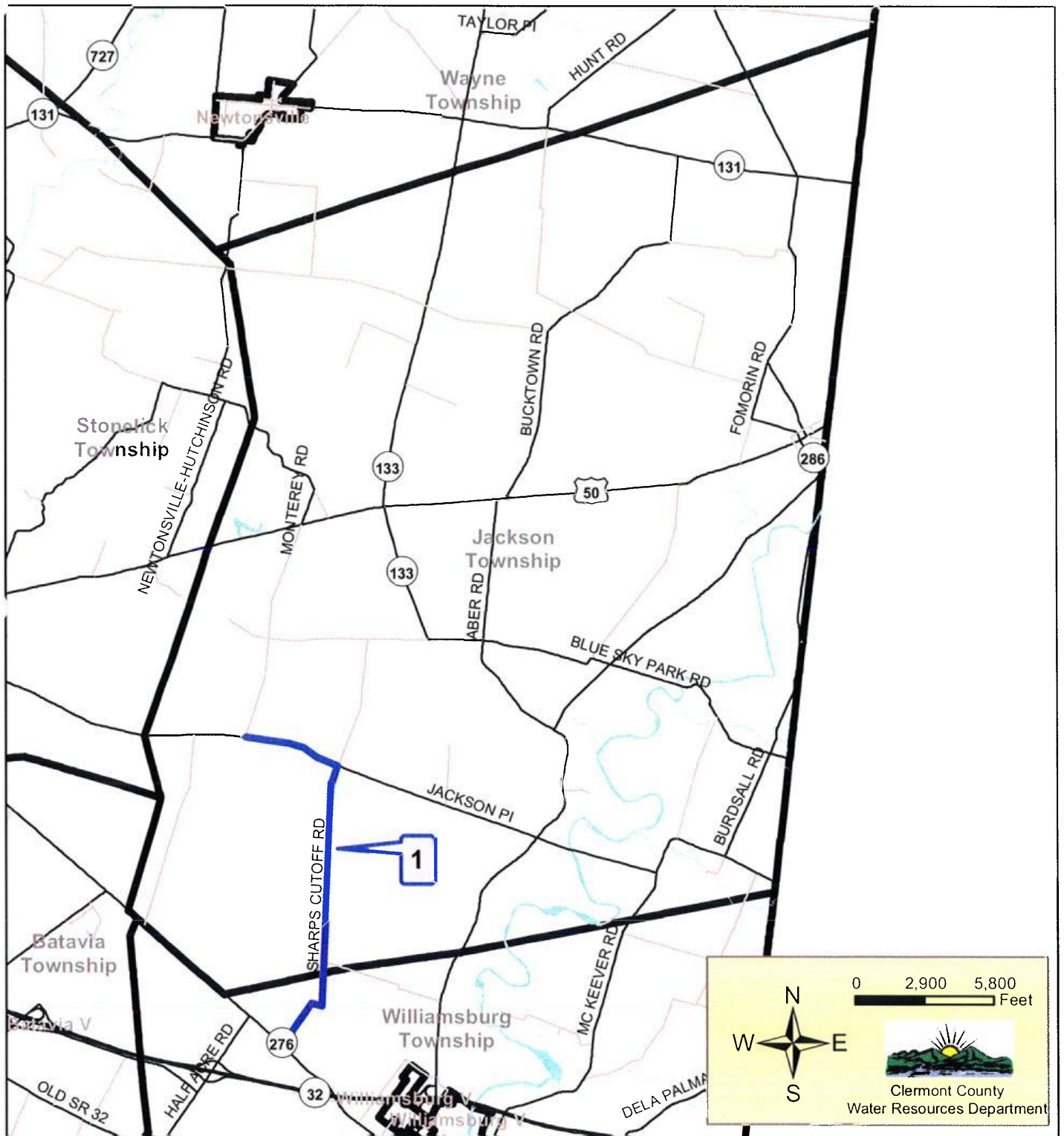
| TOWNSHIP | YEAR | EST_COST |
|----------|------|-----------|
| Batavia | 2014 | \$335,000 |
| Batavia | 2017 | \$260,000 |

5-Year Capital Improvement Plan Water System - Goshen Township



| PROJECT ID | NAME | TOWNSHIP | YEAR | EST_COST |
|------------|--|----------|------|-------------|
| 1 | Tank Paintings - Amelia & Gaynor & Booster#4 Tanks | Goshen | 2014 | \$1,307,330 |
| 2 | Woodville Pike Water Main Replacement | Goshen | 2014 | \$1,737,400 |
| 3 | SR 132/SR 48/SR 28 Water Main Replacement | Goshen | 2015 | \$1,570,000 |
| 4 | Goshen Road Water Main Loop | Goshen | 2018 | \$765,000 |

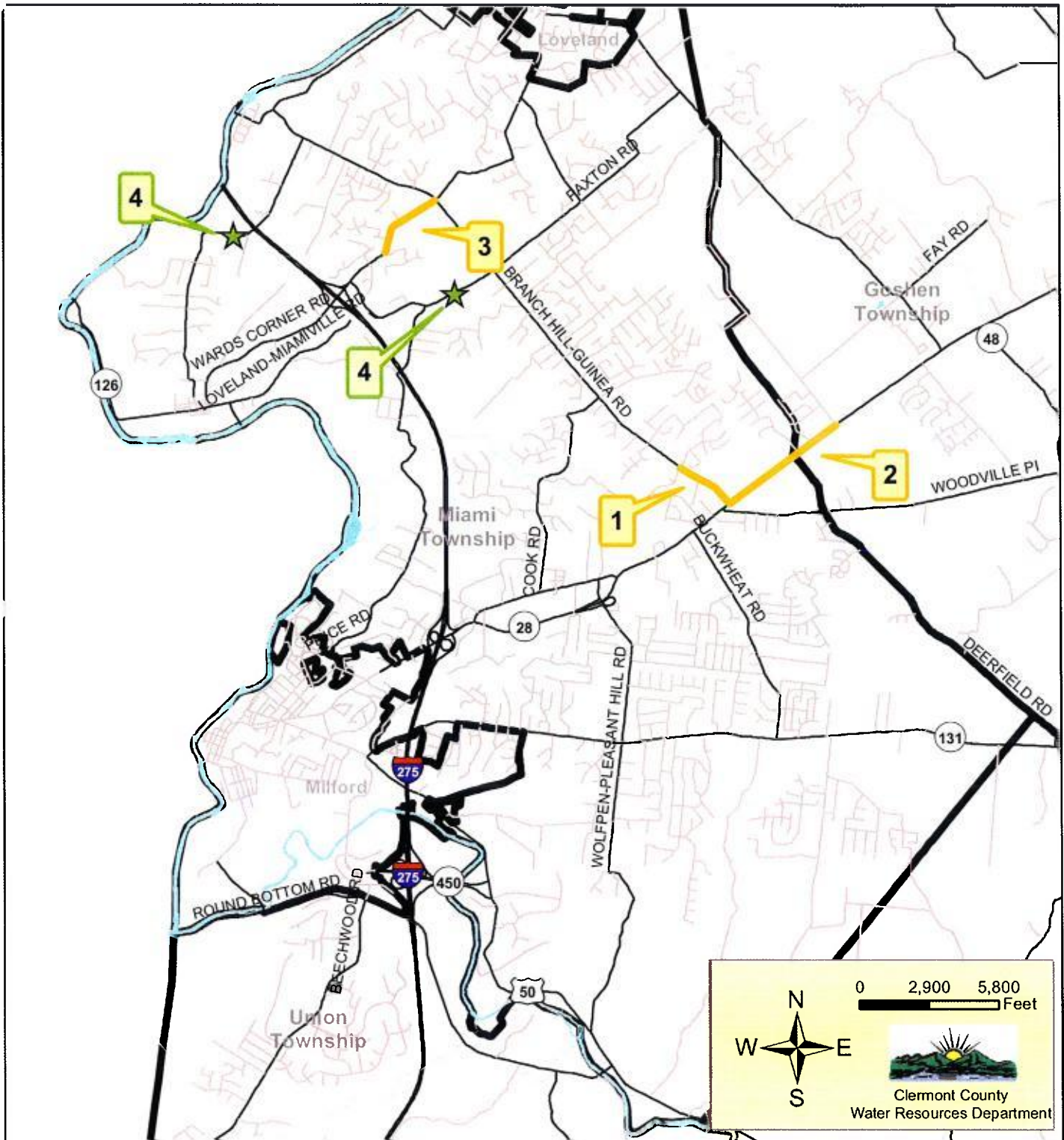
5-Year Capital Improvement Plan Water System - Jackson Township



| PROJECT ID | NAME |
|------------|-----------------------------|
| 1 | Sharp's Cutoff/Jackson Pike |

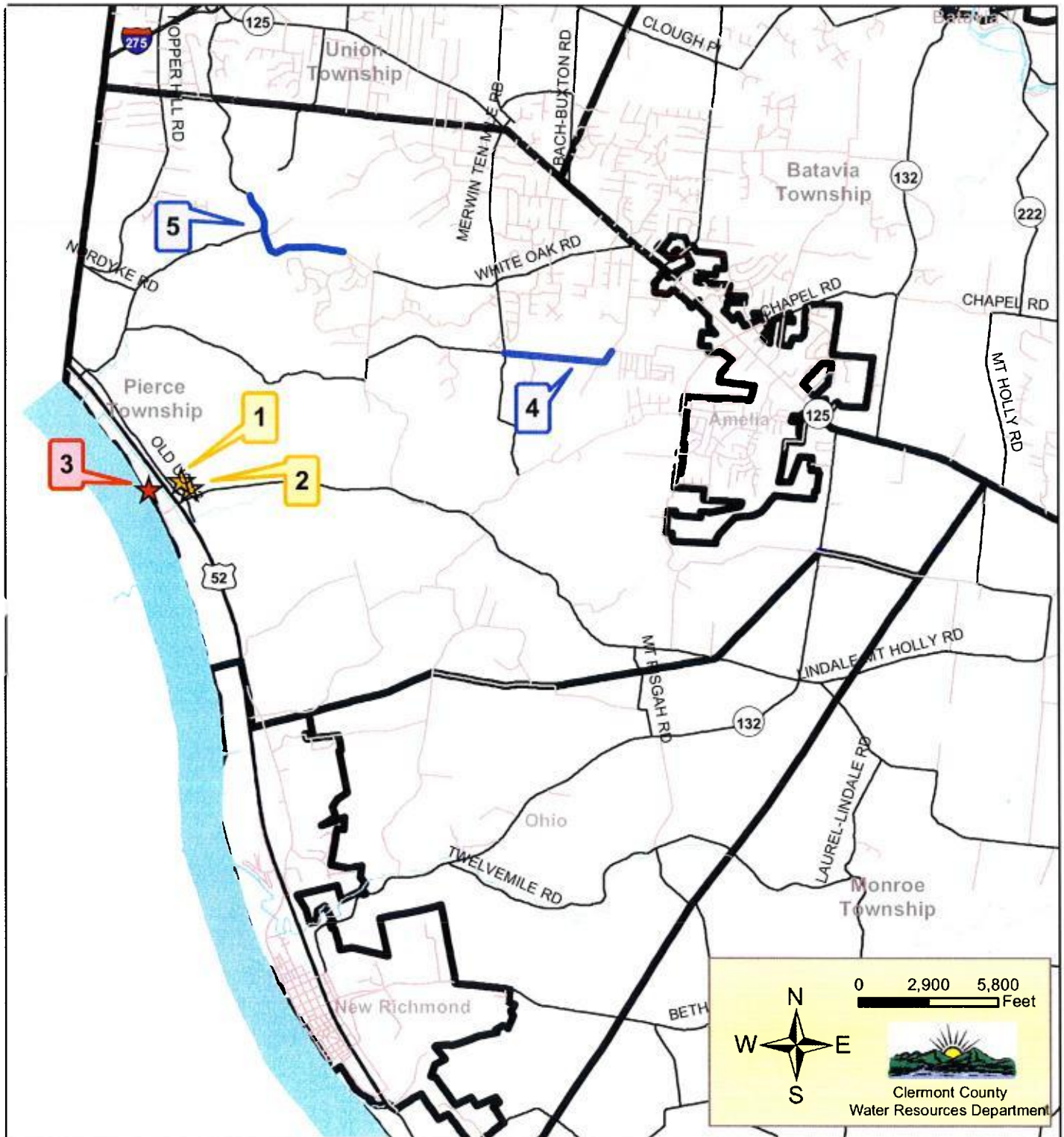
| TOWNSHIP | YEAR | EST_COST |
|----------|------|-------------|
| Jackson | 2018 | \$1,015,000 |

5-Year Capital Improvement Plan Water System - Miami Township



| PROJECT ID | NAME | TOWNSHIP | YEAR | EST_COST |
|------------|---|----------|------|-----------|
| 1 | Branch Hill Guinea @ SR 28 Water Main Replacement | Miami | 2014 | \$208,780 |
| 2 | SR 28 - Branch Hill Guinea to Smith Road - WMR | Miami | 2014 | \$845,860 |
| 3 | Wards Corner Road Water Main Replacement | Miami | 2014 | \$724,421 |
| 4 | Booster Pump Stations 1 & 3 - Improvements | Miami | 2015 | \$120,000 |

5-Year Capital Improvement Plan Water System - Pierce Township

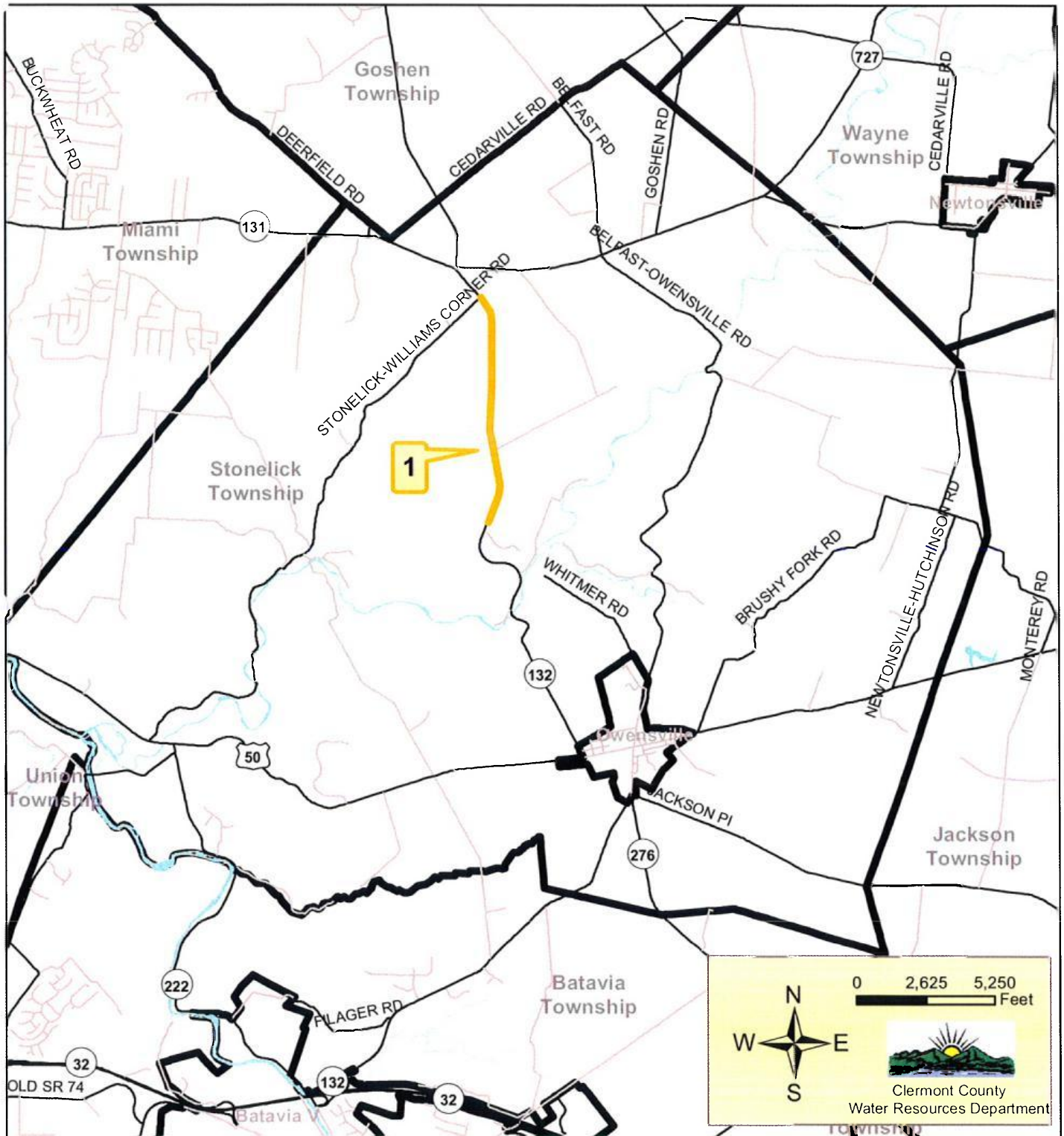


PROJECT ID NAME

- 1 PUB WTP Roof Replacement
- 2 PUB WTP Surge Protection Improvements
- 3 PUB Well Field Control Tower for Wells 17-20
- 4 Locust Corner/Lewis Road Watermain
- 5 Nine Mile-Bradbury Transmission Main

| TOWNSHIP | YEAR | EST_COST |
|----------|------|-------------|
| Pierce | 2014 | \$175,000 |
| Pierce | 2014 | \$1,190,388 |
| Pierce | 2016 | \$215,000 |
| Pierce | 2018 | \$360,000 |
| Pierce | 2018 | \$352,000 |

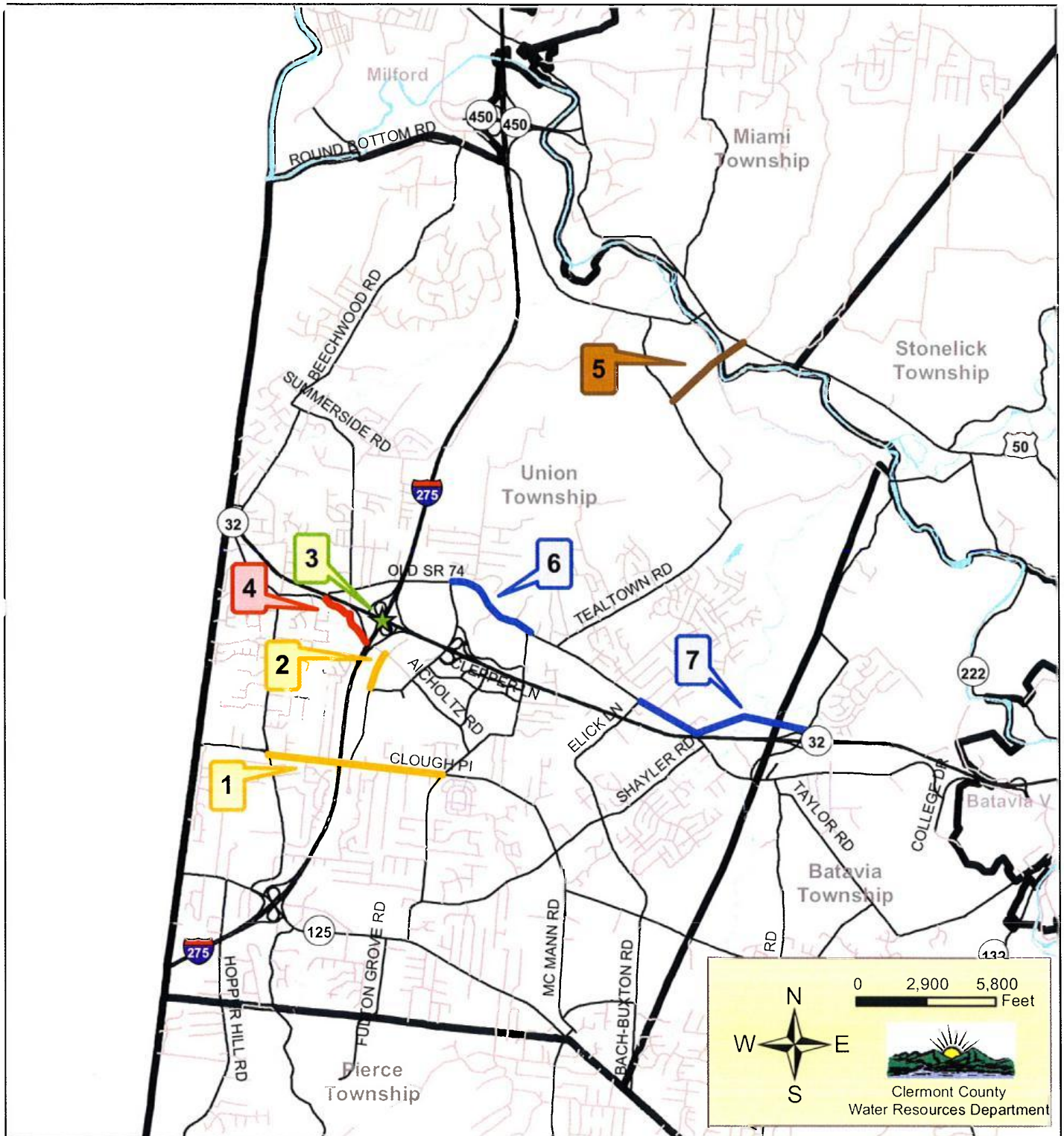
5-Year Capital Improvement Plan Water System - Stonelick Township



| PROJECT ID | NAME |
|------------|-------------------------------|
| 1 | SR 132 Water Main Replacement |

| TOWNSHIP | YEAR | EST_COST |
|-----------|------|-------------|
| Stonelick | 2014 | \$1,198,340 |

5-Year Capital Improvement Plan Water System - Union Township



| PROJECT ID | NAME | TOWNSHIP | YEAR | EST_COST |
|------------|--|----------|------|-------------|
| 1 | Clough Pike Water Main Relocation | Union | 2014 | \$182,510 |
| 2 | Ivy Pointe Extension Water Main Loop | Union | 2014 | \$75,000 |
| 3 | SR 32 @ I-275 Water Main Relocation | Union | 2015 | \$190,000 |
| 4 | Aicholtz Connector Watermain Replacement | Union | 2016 | \$1,018,380 |
| 5 | Tealtown / Sugar Camp Transmission Main | Union | 2017 | \$754,960 |
| 6 | Old SR 74 Water Main Replacement | Union | 2018 | \$330,000 |
| 7 | Old SR 74 Extension Water Main | Union | 2018 | \$715,000 |